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*Petunia*  
*Vaughan's Dwarf*  
*Topaz Queen*  
6 pkts., 50c; 1/8 oz., \$1.50;  
1/4 oz., \$2.75; oz., \$10.00.

**Vaughan's**  
65TH YEAR

**BOOK FOR FLORISTS** *Spring 1941*  
CHICAGO, 601 W. JACKSON BLVD. — NEW YORK, 47 BARCLAY ST.





VAUGHAN'S  
Super Swiss Giant  
Pansy Mixture

### *Vaughan's Super Swiss Giant Mixture*

The flowers of this strain are of enormous size, 3 inches and over in diameter. They are perfectly round with overlapping petals, borne on strong stalks well above the remarkably luxuriant foliage. Thick

petals, of a rich velvety texture, give this strain of Pansy the required substance so necessary to a perfect Pansy.

We have made a special mixture from three or four growers' stocks. Many of the flowers are five blotched. All the vivid colors of the type are represented in their enormous size and wavy and crinkly flowers. Trade pkt., 75c;  $\frac{1}{8}$  oz., \$1.40;  $\frac{1}{4}$  oz., \$2.50;  $\frac{1}{2}$  oz., \$4.40; oz., \$8.00.



# VAUGHAN'S SEED STORE

**47-49 Barclay Street, NEW YORK**

**601 West Jackson Blvd., CHICAGO**

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**More order blanks will be sent upon request. Always write letters on a separate sheet from your order.**

Table of PARCEL POST RATES to different zones, on other side.

**Your local postmaster will tell you in which zone you reside as regards NEW YORK or CHICAGO.**

Vaughan's Seed Store, Inc., gives no warranty, express or implied, as to description, quality, productiveness or any other matter of any seeds, bulbs or plants it sells, and will not be responsible for the crop; and it gives no warranty, express or implied, as to fertilizers, other than in respect to analyses or other data expressly and lawfully required of the seller by statutes.

**N. B. Examine seeds closely, test if desired, write us if anything is wrong and we will adjust.**

[illegible]

(OVER)







# BUYERS: Give this Check List the "Once Over" When Ordering

## ITEMS TO START IN JANUARY

### FLOWER SEEDS

**Acroclinium** (for cutting)  
**Agathe** (for cutting)  
**Ageratum**  
**Aloe Variegata** (for pot culture)  
**Antirrhinum** (for cutting)  
**Asparagus Sprengeri**  
**Plumose Nanus**  
**Balsam** (Bush var.) (for pot culture)  
**Begonias**  
**Browallia** (for pot culture)  
**Calendulas** (for cutting)  
**Candytuft** (for cutting)  
**Campanula** (Annual, for pot culture)  
**Carnation** (Annual, for plants)  
**Centaurea Candidissima** (Dusty Miller)  
**Gymnocarpa** (Dusty Miller)  
**Cyanus** (for cutting)  
**Chrysanthemum** (Annual)  
**Cineraria Maritima** (Dusty Miller)  
**Clarkia** (for cutting)  
**Cobaea Scandens**  
**Coleus Glory**  
**Cuphea** (for plants)  
**Cynoglossum** (for cutting)  
**Dahlia** Unwin (fine pot plants)  
 (plant tubers for Mother's Day)  
**Daisy Bellis** (B)  
**Dracaena Indivisa** (for pot plants)  
**Exacum** (for pot culture)  
**Gloxinia**  
**Gypsophila** (Annual)  
**Impatiens** (Fine for Shade)  
**Kalanchoe** (for pot plants)  
**Larkspur** (Annual, for cutting)  
**Leptosyne** (for cutting)  
**Linaria** (for combination)  
**Lobelia**  
**Lupinus** (Annual)  
**Marigolds Dwarf** (for combination)  
**Matricaria Golden Ball Pots** and Bedding  
**Mimulus** (for pot culture)  
**Nemesia** (for combination)  
**Nierembergia Hippomanica** (for pot culture)  
**Pansies Super Maple Leaf Giants**  
 Mixed Largest Super Swiss Giants  
 (color range, size, earliness)  
**Pennisetum** (Ornamental Grass)  
**Petunias**  
**Phlox** (Vaughan's Beauty Strain)  
 (Combinations)  
**Salpiglossis** (for cutting)  
**Salvia**  
**Schizanthus** (Vaughan's Master-piece)  
**Smilax**  
**Solanum** (Xmas Cherry or Pepper)

**FLOWER SEEDS—Continued**  
**Stocks** Column and Branching  
**Strawberries** (Baron Solemacher)  
**Sweet Peas** (Early Spencer and Intermediate)  
**Torenia Gefion** (for pot culture)  
**Verbena Dwarf** (for combinations)  
**Vinca Rosea** (plants)

### GREENHOUSE

**Azaleas**  
**Ageratum R.C.**  
**Carnation R.C.**  
**Geraniums 2 1/4"** or R.C.  
**Hydrangea R.C.**  
**Cyclamen Seedlings**  
**Fancy Leaved Caladiums**  
**Lantana 2 1/4"**

### BULBS

**Amaryllis**  
**Begonias** (Tuberous Rooted)  
**Gladiolus**  
**Gloxinias** (Tuberous Rooted)  
**Hardy Lilies**  
**Lilium Erabu**  
**Lilium Giganteum**  
**Tuberose**  
**Valley Pips**

### PERFUME

For Valentine's Day Sales

### SUPPLIES

**Aluminum Phosphate**  
**Bamboo Stakes**  
**Bone and Blood**  
**Formaldehyde Dust**  
**Handy, Sowrite Seed Model**  
**Hormodin**  
**Horn Shavings**  
**Hose Couplings**  
**Loma**  
**Nikoteen**  
**Paper Pots**  
**Peat Moss**  
**Pot Labels**  
**Rootone**  
**Rotogreen**

### VEGETABLE SEED

**Cabbage**  
**Cauliflower**  
**Celery**  
**Egg Plant**  
**Parsley**  
**Pepper**  
**Radish**  
**Tomatoes**

Planted in January	Benching	Blooming	Culture
Agathe	July	Dec.-May	
Antirrhinum	March	April-June	Pinch February 15th.
Begonias (Seed)	Jan.	Aug.-Dec.	
Browallia	March	May-June	
Candytuft & Nemesia	Jan.	May-June	Sow directly in flats, bench. One pinch.
Centaurea Cyanus	Feb.	April	
Chrysanthemums (A)	March 1	May	
Clarkia	Jan.	April-May	Grow 2" or shallow flats. Poor soil.
Gloxinia	Jan.	Aug.-Sept.	Grow under partial shade.
Gypsophila	Jan. & every two weeks	March 15	Sow directly in flat or bench.
Kalanchoe 60°-65°	March	Dec.	Shade 3 hrs. Aug. 15-Oct. 1. 5-8 P.M.
Kalanchoe 60°-65°	March	Christmas	Shade 3 hrs. Sept. 1-Oct. 20. 5-8 P.M.
Leptosyne	March 1	April-May	
Lupinus	Jan.	April	
Petunias	Jan.	April-June	Keep bushy.
Salvia	Feb.	July-Aug.	Pinch March.
Solanum	March	Berried Dec.	Grow below 50°.
Stocks	March	Memorial Day.	See August Culture.
Sweet Peas	Jan.	April-June	Pinch March.
Torenia	Feb.	June-July	Do not pinch later than July 1.
Hydrangea (cuttings)	Feb.-April	Easter-June	
Gladiolus	Jan. 15	May	
Lilium Giganteum	Jan. 1	April 15-30	Start 50° until 4 in. Grow 65°-75°.
Lilium Giganteum	Jan. 15	April 25 to May 5	Start 50° until 4 in. Grow 65°-75°.
Lilium Erabu	55°-60°	Better cool grower than Giganteum.	
Lilium Rubrum	Flowers about 5 1/2 months from date of planting.		
Lilium Album	Flowers about 5 1/2 months from date of planting.		
Lilium Tigrinum	Flowers about 5 1/2 months from date of planting.		
Lilium Auratum	Flowers about 5 months from date of planting.		

## ITEMS TO START IN FEBRUARY

### FLOWER SEEDS

**Ageratum**  
**Antirrhinum** (Tom Thumb for combinations)  
**Asparagus Plumosus**  
**Asparagus Sprengeri**  
**Asters** (for forcing)  
**Calendula**  
**Campanula Annual**  
**Candytuft** (Dwarf for combinations)  
**Carnation Annual** (for plants)  
**Centaurea Cand.** (Dusty Miller)  
**Centaurea Cyanus**  
**Dahlia** Unwin (for plants)

**Dracaena Indivisa**  
**Gypsophila Annual**  
**Larkspur**  
**Linaria** (for combinations)  
**Marigold** (Dwarf for combinations)  
**Maurandia** (Vine for shady window boxes)  
**Mignonette** (for cutting)  
**Mimulus** (for pots)  
**Nasturtiums**  
**Nemesia** (Combination)  
**Nierembergia Hippomanica**  
**Pennisetum** (Ornamental grass)  
**Petunias**

## ITEMS TO START IN FEBRUARY—Continued

### FLOWER SEEDS—Continued

**Phlox** (Beauty Strain for combinations)  
**Poppies** (Annual)  
**Primula Obconica**  
**Salpiglossis** (for cutting)  
**Salvia** (for plants)  
**Stocks**  
**Sweet Peas** (Late varieties)  
**Thunbergia** (Vine)  
**Torenia** (for pot plants)  
**Verbena**  
**Vinca Rosea** (plants)  
**Zinnia** (for cutting inside)

### GREENHOUSE

**Azaleas**  
**Lantana 2 1/4"**  
**Hydrangea R.C.**  
**Geranium 2 1/4"** or R.C.  
**Chrysanthemum R.C.**  
**Carnation R.C.**  
**Vinca R.C.**  
**Fancy Leaved Caladiums.**  
**Ageratum R.C.**  
**Verbena R.C.**  
**Cyclamen Seedlings**  
**Cannas**  
**Dahlia**

### BULBS

**Amaryllis**  
**Begonias**  
**Caladiums Esculentum**  
**Gladiolus**  
**Gloxinias**  
**Hardy Lilies**

Planted in February	Benching	Blooming	Culture
Asters	March 10	June-July	Lighted Feb. 10 on Use late var.
Marigolds	April 1	May 15	Grow restricted containers. Dry side.
Primula	April	October	Do not use peat.
Stocks	April	June	Grow below 50°.
Sweet Peas	February	May-June	See August culture.
Hydrangeas take cuttings	Feb.-April	Easter-June	(Latest pinch July 1, Pots)
Gladiolus	Feb.	May-June	
Lilium Giganteum	Feb. 1	May 5-15	Start 50° until 4 in. Grow 65°-75°.
Lilium Giganteum	Feb. 15	May 15-30	Start 50° until 4 in. Grow 65°-75°.
Lilium Erabu	Better than Giganteum for cool growing.		
Hardy Lilies	See January		
Begonias Tuberous	Feb.	June-Aug.	
Gloxinias Tuberous	Feb.	June-Aug.	

## ITEMS TO START IN MARCH

### FLOWER SEEDS

**Aloe Variegata** (for pots)  
**Alyssum**  
**Antirrhinum** (for plants)  
**Asparagus Plumosus**  
**Asparagus Sprengeri**  
**Asters** (for forcing)  
**Calendula**  
**Cardinal Climber**  
**Clarkia** (for cutting)  
**Celosia** (Dwarf for combinations)  
**Centaurea Cyanus** (outside)  
**Dahlia** Unwin  
**Dimorphotheca** (for plants)  
**Dracaena**  
**Gerbera**  
**Gomphrena** (Combination pots)  
**Grevillea Robusta** (Filler)  
**Gypsophila (A)**  
**Ipomoea Clark's Early Heavenly Blue.**  
**Larkspur** (outside)  
**Lupinus** (Annual)  
**Marigolds**  
**Mesembryanthemum** (pots)  
**Nasturtiums**  
**Petunias**  
**Phlox** (Beauty Strain for combinations)  
**Primula Obconica**  
**Primula Sinensis**  
**Salpiglossis**  
**Salvia**  
**Solanum**  
**Statice Sinuata**  
**Sweet Peas** (outside)  
**Tithonia** (Early Flowering)  
**Ursinia** (plants)  
**Venidium** (plants)  
**Verbena**  
**Zinnia** (for cutting inside)

### FLOWER SEEDS—Continued.

### SUPPLIES

**Bamboo Stakes**  
**Bone Meal**  
**Bull Dog Clips**  
**Chip Mats**  
**Crepe Paper**  
**Cyanogas**  
**Floral Foil**  
**Flower Potfoil**  
**Glazine Material**  
**Labels**  
**Lethane**  
**Loma**  
**Match Sticks**  
**Nicofume**  
**Pot Tie**  
**Raffia**  
**Rotogreen**  
**Soil Tester**  
**Stake Fasteners**  
**Tinsel Ribbon**  
**Twine**

### GREENHOUSE

**Azaleas**  
**Buddlea**  
**Cannas**  
**Dahlia**  
**Chrysanthemum R.C.**  
**Daisy Chiffon**  
**Fancy Leaved Caladiums**  
**Geraniums 2 1/4"** or R.C.  
**Hydrangea R.C.**  
**Tritoma**

### BULBS

**Begonias**  
**Caladiums Esculentum**  
**Cinnamon Vines**  
**Gladiolus**  
**Gladiolus Display Case**  
**Gloxinias**  
**Hardy Lilies**  
**Ismene**  
**Leucocoryne**  
**Lilium Erabu**  
**Lilium Giganteum**  
**Madeira Vines**  
**Montbretias**  
**Ranunculus**  
**Tuberose**  
**Valley Pips**

### GRASS SEED

### PERFUME

### VEGETABLE SEED

**Beans**  
**Carrots**  
**Onion Sets**  
**Peppers**  
**Radish**  
**Spinach**  
**Turnip**



Planted in March	Benching	Blooming	Culture
Antirrhinum	May 15	July & later	
Asters	May 15	July	Do not pinch.
Gerbera	Aug.	Oct.-June	Use fresh seed only.
Primula Obconica	May	Dec. 25	Do not use peat.
Primula Sinensis	May	April on in 5" pots.	
Zinnias	April	May 20-June	
Lilium Giganteum	March 1	June 1-10	Start 50° until 4" high. Grow 65°-80°.
Lilium Giganteum	March 15	June 10-30	Start 50° until 4" high. Grow 65°-80°.
Lilium Erabu	Better for cool growing than Giganteum.		
Hardy Lilies	See January culture.		
Begonias (bulbs)	March	June-Aug.	60°-65°.
Gloxinias (bulbs)	March	June-Aug.	60°-65°.

Asparagus Sprengeri  
Plumous Nanus  
Asters  
Balsam Bush var.  
Calendula  
Celosia  
Centaurea Annual Sorts  
Cosmos  
Delphinium (P)  
Dianthus Annual Pinks  
Euphorbia Variegata (for cutting  
filler)  
Freessias (Sow in flats will bloom in  
Jan.)  
Gaillardia (A)  
Gypsophila (A)  
Ipomoea Heavenly Blue (Clark's  
early)  
Lupinus (A)  
Marigolds  
Nasturtiums  
Nicotiana  
Primula Obconica  
Primula Sinensis  
Saponaria "Pink Gypsophila"  
Scabiosa  
Statice Sinuata  
Strawflower Helichrysum  
Tithonia (Early Flowering)  
Zinnia

VEGETABLE SEED

Asparagus Roots  
Kohlrabi  
Onion Sets

Plant in April	Benching	Blooming	Culture
Annual Gypsophila	Flatted May 15	June-July	
Asters (late April)	June 1	July	
Lupinus	April	May 30	
Primula Obconica	June	Jan.-Feb.	Do not use peat.
Zinnias 1st	Early April	May 20-June 1	
Zinnias 15th	Late April	June 1-June 10	
Lilium Giganteum	April 1	July 1-15	Start 50° until 4° high.
			Grow 65°-85°.
Lilium Giganteum	April 15	July 15-30	Start 50° until 4° high.
			Grow 65°-85°.
Mums. R.C. & Poms	June	Oct.-Dec.	
Mums. R.C. & Poms	June	Dec.-Feb.	Lights started Aug. 10.
			Use only for ½ hour at midnight.
Garza and late Poms. R.C.	Early July	Oct.-Dec.	
Late Mums R.C.	Early July	Dec.-Feb.	

**Antirrhinum** Ghse. var.  
**Asparagus** Plumosus  
**Asparagus** Sprengeri  
**Calendula** (outside for cut)  
**Campanula** medium sorts (B)  
**Delphinium** (P)  
**Digitalis** (B)  
**Exacum** (pots and combinations for Fall on)  
**Forget-me-not** (For Jan. flwg. Early Blue Bird)  
**Freessias** (Sow in flats will boom in Jan)  
**Gourds**  
**Gypsophila** (A) (for cutting)  
**Lupinus** Annual (outside)  
**Primula** Malacoides  
**Primula** Obconica  
**Scabiosa** (outside for cutting)  
**Zinnias** (outside for cutting)

Erabu	Hardy Lilies
Gladiolus	Ismene
Giganteum	Tuberoses

Plant in May	Benching	Blooming	Culture
Primula Obconica	July	Jan. & later	
Zinnias	Early May	June 10-20	
Lilium Giganteum	May 1	Aug. 1-10	Start 50° until 4" high. Grow 65°-85°.
Lilium Giganteum	May 15	Aug. 10-25	Start 50° until 4" high. Grow 70°-85°.
Hardy Lilies	See January culture.		
Poinsettias	Make cuttings in July-Aug.		Pinch not later than Sept. 1 for Dec. 25 blooming, 65°.
Garza & later Poms, R.C.	Early-Mid. July	Jan.-Feb.	
Late Mums	Early-Mid. July	Dec.-Feb.	

- \***Achillea** (P) (Tall cutting varieties)
- Alyssum Saxatile** (P)
- \***Antirrhinum** (P) (for cutting)
- Antirrhinum** (Greenhouse var.)
- \***Aquilegia**
- Arabis** (P)
- Asparagus Plumosus**
- Asparagus Sprengeri**
- \***Asters** (Wartburg Star) (P)
- Aubrietia** (P)
- Begonias** (for Xmas plants)
- Calceolaria**
- Campanula Calycanthema** (B)
- Candytuft**
- \***Carnation** (P)
- Cineraria**
- \***Coreopsis** (P)
- Cyclamen**
- \***Centaurea** (P)
- \***Daisy Shasta** (P) Single & Double
- \***Delp inium** (P)
- \***Dianthus Barbatus** (B)
- Digitalis** (B)
- \***Doronicum** (P)
- Dracaena Indivisa**
- Gloxinia** (for pots)
- \***Gaillarda** (P) (for cutting)
- \***Gypsophila** (for cutting) (A)
- \***Helenium** (P) (for cutting)
- Helianthemum** (P)
- Heuchera** (P)
- Lunaria** (P)
- \***Lupinus** (P)
- Lychnis** (P)
- \***Matricaria** (P)
- Primula Chinese** (pots)
- Primula Malacoides** (pots)
- Primula Obconica** (pots)
- \***Pyrethrum** (P) (for cutting)

\**Scabiosa* Caucasica  
 Statice (P)  
 Sweet Peas (early Flwg.)  
 Wallflower  
 \*Starred perennial varieties are valuable for cutting besides plant sales.  
 (A) means Annual; (B) means Biennial; (P) means Perennial.

Gladiolus  
Lilium Giganteum  
Lilium Album  
Lilium Rubrum  
Valley Pins

Bouvardia 2 1/4"  
Chrysanthemum R.C.  
Gaillardia Sun God  
Table Fern Seedlings

Bone Meal  
Hose & Couplings  
Insecticide Refills  
Loma  
Nicofume  
Oxo Bordeaux  
Pomo Green  
Red Arrow  
Sulfate of Aluminum  
Sulfate of Ammonia  
Super Phosphate  
Vigoro

Plant in June	Benching	Blooming	Culture
Antirrhinum	August	Dec.	Pinch to 3 or 4 sets of leaves, no higher to avoid spindliness.
Cinerarias	August	Early Jan. on	Do not pinch.
Lupinus	June	Jan.-Feb.	Small pots outdoors bench in Sept.
Double Snaps cuttings	June 15	Aug. Jan. & later	
Swet Peas	June	Sept. & Dec.	Run rows N. & S. for winter blooming. See Aug. culture.
Lilium Giganteum	June 1	Aug. 25-Sept. 10	Start 50° until 4 in. Grow 70°-85°.
Lilium Giganteum	June 15	Sept. 10-25	Start 50° until 4 in. Grow 70°-85°.
Hardy Lilies		See January culture.	

It occurred to us several years ago that considering the importance, both in money spent and loss in crops, of greenhouse growing and florist supplies should know more facts concerning insecticides, and the best way to use them. For some years past, our Mr. R. J. Geary, has spent a large share of his time in making actual experiments himself and in consultation with leading chemical firms, government experiment stations, and state colleges. While the subject is very complex for the limited time the average florist has to devote to it, new methods of insect and disease control are continually being developed that require more attention than is given them. However, we feel that we can pass on to you a few fundamentals, that, if followed, would greatly reduce your insecticide costs.

We have found that most florists do not spray soon enough; try to control infestations in the early stages. Doing this, you not only save the damage to the crop, but the cost of control will be much less. If you cannot diagnose your own trouble, ask your local state University or College, or send it to Washington.

Use the most efficient spray for the insect or insects you are fighting. Most insects are very susceptible to at least one or two chemicals, so if you know which ones, you will most effectively, efficiently, and economically. For example, leaf rollers or tiers, are most easily controlled by pyrethrum extracts, ground pyrethrum flowers, or arsenical stomach poisons. Rotenone sprays (most sprays used by florists contain Rotenone) are not effective against leaf rollers, neither are thiocyanate sprays like Loro and Lethane. Again, rotenone sprays are best for aphids, red spider, thrips, white fly and cyclamen mite, when they are on plants where they can be contacted with the spray; thiocyanates are the best for mealy bugs and chrysanthemum midge. (Rotogreen 106 contains both rotenone and thiocyanates, with the best features of both). Many florists waste much money trying to control thrips with rotenone sprays, even though most of the thrips are inside the flower buds and other places where the spray will not penetrate. The best thrip spray is poisoned bait consisting of two pounds tartar emetic, four pounds of brown sugar, to one hundred gallons of water.

Another great waste of money occurs in buying poorly formulated rotenone and pyrethrum sprays. The federal and state authorities try their best to police the field, but they cannot force the manufacturers of insecticides to change the features they know are detrimental. Many rotenone and pyrethrum sprays contain water, which not only gives you less for your money, but actually ruin the active principals of the spray material by a chemical process of oxidation, which is similar to the rusting of iron, only much more so. You can protect yourself against this by reading the listing of ingredients that every spray manufacturer is compelled to print on his product, unless it is 100% active materials. Naturally, if it contains water, it cannot be 100% active. Then too, many spray materials still use soaps as spreaders. These not only do not work properly under some hard water conditions, but actually spoil the rotenone or pyrethrum they are combined with, both in the concentrate and in the spray tank. (Rotogreen 106 does not contain water or soap).

Great progress is being made daily in the insecticide field, and we believe it would be profitable for every florist to investigate the possible adaption of the following, new things to his use:

Methyl Bromide for the fumigation of pot plants against practically all insects, and greenhouse fumigation of chrysanthemum stock plants (one fumigation usually controls midge for an entire season if correctly done), and the fumigation of a gardenia house for red spider and mealy bug.

Chloropicrin (tear gas) and Ethylene dichloride for soil sterilization. This is a cheap, effective way to sterilize the greenhouse, and flattening soil. Many growers like it better than changing soil, and it is certainly cheaper. On request, we will give more detailed information, or advise where it can be obtained.



# Vaughan's Novelties and Specialties for 1941

**Ageratum Midget Blue.** A delightful little plant for edging, being uniformly dwarf and true to color from seed. The delicate fine foliage is practically smothered with small true Ageratum blue flowers. Blooms slightly earlier than other varieties. Trade pkt., 35c;  $\frac{1}{4}$  oz., \$1.60; oz., \$4.80.

**ALYSSUM Violet Queen.** A new edging plant with a color peculiarly its own, being of a very pretty bright violet tint. It has the usual honey-like odor of the white variety. Trade pkt., 35c;  $\frac{1}{4}$  oz., 70c; oz., \$2.60.

## ANTIRRHINUM RUST-RESISTANT STRAINS

**Rosalie.** A rich deep rose with underlying tone of topaz or amber. The tube and lip are the same color. Plants base branching. Trade pkt., 35c;  $\frac{1}{4}$  oz., \$1.00.

**Giant Tall, Golden Rod.** Plants are base branching, 26 inches tall, with many unusually thick, erect, well filled spikes of large, bright golden yellow flowers, the edges of which are delicately waved and crinkled. Trade pkt., 50c;  $\frac{1}{8}$  oz., \$1.00.

## ASTER WILT-RESISTANT STRAINS

**Early Giant Rose Marie.** A rich lively shade of rose. Flowers are fully petaled, with broad, graceful petals, daintily plumed and intertwined, and very large, 4-5 inches in diameter. Trade pkt., 50c;  $\frac{1}{4}$  oz., 90c; oz., \$3.00.

**Princess Type.** 18 to 24 in. They have a full crested center surrounded by several rows of strong guard petals. Flowers are fine keepers. Early and free bloomers.

**Princess Anne.** Opens up delicate pink and turning to rose pink as they mature. Trade pkt., 50c;  $\frac{1}{4}$  oz., 90c; oz., \$3.00.

**Princess Bonnie.** A beautiful soft salmon rose shade with the center rich gold while opening. Trade pkt., 50c;  $\frac{1}{4}$  oz., 90c; oz., \$3.00.

## BEGONIA

**Gracilis Gerda Seeger** (Heterosis variety). Growth compact, about 6 in. high, the coloring a strong rose, in fact the darkest of the Dwarf Gracilis type. Very large flowering and extremely free flowering. Trade pkt., \$1.25.

**Gracilis Olympia.** New. The plants are well branched and are covered with scarlet flowers, resists changing weather conditions. 8-inch. Stock limited. Trade pkt., \$1.50.

**Semperflorens Masterpiece.** One of the largest flowered sorts, with clear rose-pink blossoms that are so abundantly produced the foliage is almost hidden. A great favorite for both greenhouse and bedding purposes. Trade pkt., \$1.25.

**BROWALLIA Demissa.** This is bound to become the flower for all gardens the country over where a white border plant is needed to fit the modern garden schemes, because of ease of culture, profusion and continuity of bloom and adaptability to all kinds of soils. Trade pkt., 50c.

## CALCEOLARIAS

**New Choice Varieties** See page 12 for descriptions of the following.

**Golden Charm.** Trade pkt., \$1.00.

**Tausendschoen.** Trade pkt., \$1.25.

**Scarlet Flame.** Trade pkt., \$1.50.

**CALENDULA Yellow Shaggy.** The petals are quilled and deeply cut on the ends giving the flowers a very shaggy and artistic appearance. The color of the flowers is a bright clear yellow with a lighter yellow center, which is nearly covered by the mass of petals. Trade pkt., 35c;  $\frac{1}{8}$  oz., 50c;  $\frac{1}{4}$  oz., 90c; oz., \$2.75.

**CARNATION J. M. Bridgeford** (Malmaison). See outside back cover for colored illustration and description. Trade pkt., 50c;  $\frac{1}{8}$  oz., \$2.00.

**CINERARIA Hybrida Dondo Mixed.** 1940 Novelty. A new type of the Nana Compacta variety. Received award at many exhibitions. Trade pkt., \$1.25.

**COLEUS Frederici.** This beautiful flowering Coleus is undoubtedly one of the most valuable plants for greenhouse decoration during the winter months, and is very easy to raise from seed. The color is pure deep cornflower blue. Trade pkt., 50c.

**CUPHEA Avalon Hybrids.** 20 in. Compact plants which from a distance appear to be covered with fluttering bright hued butterflies. Comes in all shades. An annual of easy culture, likes sunny place and comes into bloom with speed. Trade pkt., 50c;  $\frac{1}{8}$  oz., \$1.20.

**ERIGERON Divergens.** This very pretty annual species forms neat, freely branching, shapely bushes, 12 to 18 in. high, which are thickly strewn with small white, lavender-shaded flowers about  $\frac{3}{4}$ -inch across. Trade pkt., 35c.

**GOURD Crown of Thorns,** also known as Finger Gourd, Holy Gourd, Gourd of the Ten Commandments and Sugar Bowl. Trade pkt., 15c; oz., 50c.

**GYPSOPHILA Elegans Grandiflora Alba.** Vaughan's Select Florist Strain. This stock has an average of eight petals, size is about a half inch per floret. It is extremely free blooming. The petals are considerably broader than other stocks, making the flowers nice and round. Oz., 25c;  $\frac{1}{4}$  lb., 75c; lb., \$2.40.

## MARIGOLD

**Goldsmith.** Giant Chrysanthemum-flowered golden orange, base branching and with good stems for cutting. Extra large Dixie Sunshine type of full double flowers; early and free-blooming, on strong bushy plants of from 2 to 4 feet in uniform height. Bronze Medal All-America award 1941. Trade pkt., 35c;  $\frac{1}{4}$  oz., \$1.00; oz., \$3.20.

**Vaughan's Treasure Chest.** 2 $\frac{1}{2}$  to 3 ft. Remarkable for its wide color range and extremely high percentage of fully double flowers. Flowers are of many shapes, some ball, some Chrysanthemum-like but mostly of the Carnation and Peony-flowered forms. Trade pkt., 25c;  $\frac{1}{4}$  oz., 55c; oz., \$1.80.

**Scarlet Glow.** Honorable Mention All-America Award 1941. Brightest red of all Dwarf Double French Marigolds, opening brilliant scarlet; as they age, turning to rich tangerine. Fully double, 1 $\frac{3}{4}$  to 2 in. across, borne most profusely on dwarf plants. Begins to bloom in 10 weeks from seed. Trade pkt., 35c;  $\frac{1}{4}$  oz., 85c; oz., \$2.80.

**Spry.** Extra dwarf, double French type; compact and uniform, so may be used for edging. About 9 inches tall, early blooming, with very light orange crested center and maroon outer petals. Brighter than Dwarf Harmony and profuse flowering. Silver Medal All-America Award 1941. Trade pkt., 50c.

**Wildfire.** 14 to 20 in. Cross between African and French Marigolds. Flowers 2 to 3 in. across in full range of colors found in the French type. Vary in shape and markings. Will bloom within eight weeks from time seed is sown and flower until frost. Trade pkt., 35c.

## PETUNIA

**All Double Dwarf Blue Brocade.** Silver medal award All-America 1941. See illustration in color and description on outside back cover page.  $\frac{1}{2}$  Trade pkt., \$1.25; Trade pkt., \$2.00.

**All-Double Deep Velvety Purple.** New, true rich purple velvet-like texture. Dwarf bushy plant. 500 seeds, \$1.25; 1000 seeds, \$2.00; 3000 seeds, \$5.00;  $\frac{1}{128}$  oz., \$3.50;  $\frac{1}{64}$  oz., \$6.50;  $\frac{1}{32}$  oz., \$12.50.

**Hybrida Nana Compacta Dwarf Topaz Queen.** A glowing scarlet-rose with flowers of almost grandiflora size. See outside front cover for illustration in color. Trade pkt., 50c;  $\frac{1}{8}$  oz., \$1.50;  $\frac{1}{4}$  oz., \$2.75; oz., \$10.00.

**Hybrida Radiance.** A cerise rose with underlying salmon. The throat is golden yellow below where the bloom starts to flare. Silver Medal All-America Award 1941. Trade pkt., 50c;  $\frac{1}{8}$  oz., \$1.50;  $\frac{1}{4}$  oz., \$2.75; oz., \$10.00.

**Hybrida Nana Compacta Adora.** The plant is dwarf and bushy and is literally smothered with small but beautiful flowers. The color is the most lovely rosy carmine with pure white star which regularly marks every individual flower. Trade pkt., 35c;  $\frac{1}{4}$  oz., 75c; oz., \$2.40.

**Hybrida Nana Compacta First Lady.** Is the clearest pink in all existing varieties of Petunia. The individual flower measures over 2 $\frac{1}{2}$  inches across; very free flowering. Makes dwarf bushy, ball-shaped growth. Has very long flowering season. Silver medal award All-America 1940. Trade pkt., 50c;  $\frac{1}{32}$  oz., \$2.00;  $\frac{1}{16}$  oz., \$3.20;  $\frac{1}{8}$  oz., \$6.00.

**Hybrida Nana Compacta White Perfection.** This is one of the best white Petunias in existence. They are compact in growth with abundant snow-white flowers. The individual flower measures about two inches across. Trade pkt., 35c;  $\frac{1}{4}$  oz., \$1.25; oz., \$4.00.

**Hybrida Nana Compacta Little Blue Star.** The ground color is about the bluest in Petunia and are regularly starred with pure white. This is very dwarf and compact making ball-shaped plant and is very free-flowering. Trade pkt., 25c;  $\frac{1}{4}$  oz., 80c; oz., \$2.80.

**Hybrida Nana Compacta Blue Gem** is a real Nana Compacta type with perfect ball-shaped growth. Flowers true violet blue. Trade pkt., 25c;  $\frac{1}{8}$  oz., 70c.



## PETUNIA—Continued

**Grandiflora Giant Blue Star.** Probably the best blue starred Petunia in large flowering group. Gigantic in size and regularly white-starred on rich velvety violet-blue ground. Trade pkt., 75c.

**Giant Rose Beauty.** Habit quite distinct; the branches extending laterally from the base about eight inches and then curving upwards producing a round bowl. Flowers are large and ruffled with a medium large deep golden throat. Trade pkt., 50c;  $\frac{1}{4}$  oz., \$1.00.

**Dwarf Giant Single Fringed Silver Lilac.** On plants 10 inches tall of compact habit the bright silvery lilac blue flowers appear. These are as large as  $3\frac{1}{2}$  inches across with fringed edges. Trade pkt., 75c.

**Dwarf Large-Flowering Plain Edged Violet Queen.** It is an outstanding strain. True velvety violet. Many growers consider this superior to Dwarf Elk's Pride. Supply very limited. Trade pkt., 50c;  $\frac{1}{2}$  oz., \$2.50.

**Balcony Blue Star.** Large rounded flower with regular white star on beautiful violet blue ground. It is true Pendula or Balcony type. Trade pkt., 50c;  $\frac{1}{2}$  oz., \$1.20.

**Miniature Violet Gem.** The plants are neat, dwarf and compact. The blooms are just the size you would expect to find on this type of plant, free blooming; the rich violet blue blooms all but completely hide the clean, dark green foliage. Honorable mention All-America Award 1941. Trade pkt., 75c;  $\frac{1}{16}$  oz., \$1.35;  $\frac{1}{8}$  oz., \$2.50.

## PHLOX DRUMMONDI

**Gigantea Rosy Morn.** A gay and bright color combination of rose pink with a white eye. Somewhat the same color combination as found in the long popular Petunia Rosy Morn Bronze Medal All-America Award 1941. Trade pkt., 35c;  $\frac{1}{8}$  oz., 75c; oz., \$5.00.

**Grandiflora Cinnabar Scarlet.** The brightest red of family. Trade pkt., 35c;  $\frac{1}{4}$  oz., 70c; oz., \$2.40.

**PRIMULA New Giant Malacoides.** For Double Fairy Jewels, Enchantress, Snowflake, and Ericksson's, originator stock, see page 26, in general list.

**SALVIA Carduacea.** A pretty little annual Salvia with dainty fringed sky blue blossoms. Plants grow about 18 in. tall. Trade pkt., 50c.

**SCABIOSA Peace.** Semi-tall, double white, Honorable Mention All America Award 1941. Flowers fully double,  $1\frac{3}{4}$  inches across, on 6 to 8 inch stems. Trade pkt., 50c;  $\frac{1}{4}$  oz., 75c; oz., \$2.60.

## STOCKS

**Double Giant Column Gardenia.** Shimmering, glistening white, the flowers are the purest snow white of any stock variety yet introduced. Producing only one flower spike to a plant, this spike will, however, be of enormous size, 12 in. to 15 in. of florets and nearly 3 feet in length. Trade pkt., \$1.25;  $\frac{1}{8}$  oz., \$2.50;  $\frac{1}{4}$  oz., \$4.50;  $\frac{1}{2}$  oz., \$8.00; oz., \$15.00.

**Super Giant Imperial.** 3 ft. A new group of Giant Imperial Stock bred and selected for florists' use.

Blush Pink      Dark Blue      Fiery Red  
Rose Charm. A beautiful, rich deep rose.  
Roselight, rose-pink

Each of the above: Trade pkt., 50c;  $\frac{1}{4}$  oz., \$1.25.

**SUNFLOWER Sun Gold.** 4 to 5 ft. New, brilliant golden yellow large double globe shaped flowers. Free blooming, 100% double, even and true shape. Trade pkt., 10c; oz., 40c.

**SWEET PEAS—Spring-Flowering (Intermediate).** See General List.

## ZINNIA

**Howard's New Giant Crested.** Howard's New Giant Crested Zinnia is produced by crossing the Dahlia Flowered and Scabious Flowered types. The blossoms average from 4 in. to 5 in. in diameter, with a full rounded cushiony center surrounded by broad guard petals. The colors included in the strain are shades of orange, orange scarlet, yellow, rose, maize and crimson. Trade pkt., 35c;  $\frac{1}{4}$  oz., \$1.25; oz., \$3.50.

**Lilliput Black Ruby.** Bronze Medal All-America Award 1941. An extremely deep shade but by no means dull, for the velvety petal texture gives it a very rich appearance. Double flowers 1 to  $1\frac{1}{2}$  in. in diameter and the same in depth. Plants form erect bushes 2 ft. tall, about  $1\frac{1}{2}$  ft. wide. Trade pkt., 35c;  $\frac{1}{4}$  oz., 75c; oz., \$2.60.

**Fiesta.** Flowers are of medium size double in form and bright red and yellow striped. Trade pkt., 35c;  $\frac{1}{4}$  oz., 55c; oz., \$1.80.

**Super Crown of Gold Pastel Tints.** Strictly a mixture of pastel tints and contains a wide color range. All the flowers carry the deep golden yellow base of the Crown of Gold type and the individual color at the top. Trade pkt., 35c;  $\frac{1}{2}$  oz., 80c; oz., \$1.40; lb., \$16.00.

## Perennial Seeds for 1941

**ANCHUSA Riparia.** 3 ft. Sturdy upright plants, branching habit; flowers intense blue, a rich color that gives the illusion of reflecting light. Trade pkt., 35c.

## AQUILEGIA

**Crimson Star.** Long spurs of rich crimson, the center is white tinged carmine. Trade pkt., 50c;  $\frac{1}{8}$  oz., \$1.20;  $\frac{1}{4}$  oz., \$2.00.

**Longissima Hybrids.** 30 in. A new race of Columbines obtained by cross-fertilization of Longissima and Mrs. Scott Elliott strain. These new hybrids contain all the beautiful hues of the latter with the unique length of the spurs of the Longissima. Trade pkt., 50c.

**Suaveolens.** 25 in. Flowers a delightful blending of cream and lilac with a sweet rich perfume and lacy foliage. Trade pkt., 50c.

**ASTER Frikart.** 26 in. (Wonder of Stafa). Long rayed lavender blossoms of immense size carried on bushy plants. In bloom all summer and fall. Trade pkt., 50c.

**BETONICA Grandiflora.** Close tufted foliage with bright rose purple flowers on long stems about 2 to 3 ft. tall, in June, July and August. A lovely plant for a hot, dry place in the border. Trade pkt., 25c;  $\frac{1}{4}$  oz., 80c.

**CAMPANULA Punctata.** 28 in. Plants form rambling foliage mats with flower stalks of varying height from which hang big, pendant bells which are waxen without, downy within. Creamy pink to purple. Trade pkt., 50c.

**COREOPSIS Verticillata.** 18 in. Heads of rich golden yellow flowers on tall, erect yet slender stems. Trade pkt., 25c.

**CORYDALIS Sempervirens Rosea.** 12-18 in. Another exquisite plant with beautiful blue-gray lacey foliage, lovely blossoms in purest pink with gold tip. Trade pkt., 50c;  $\frac{1}{16}$  oz., \$1.20.

## DELPHINIUM

**PACIFIC GIANT (Vetterle & Reinelt).** See page 38 for complete list with illustration.

**Round Table Series.** This year some three hundred different crosses were used to make up this group, combining all the newest color developments and possessing size that will make them invaluable for show purposes. Trade pkt., \$1.25;  $\frac{1}{8}$  oz., \$2.00;  $\frac{1}{4}$  oz., \$3.50; oz., \$12.00.

## DIANTHUS

**Barbatus Homeland.** Dark red with large sharply defined, clear white center. Trade pkt., 75c.

**Carthusianorum Giganteus.** The tallest Dianthus we know, established plants bearing clustered blossoms of crimson pink opening from varnished mahogany buds on stems fully 40 inches. Trade pkt., 35c.

**Plumarius Scoticus Double Special Strain.** Self-colors of various tints of pink, rose, salmon and white and the same colors in combination with a bright crimson zone. Stems 12 to 15 in. Blooms  $1\frac{1}{2}$  to 2 in. Free flowering. Trade pkt., 75c;  $\frac{1}{16}$  oz., \$1.25.

**DIGITALIS Orientalis.** 30 in. Blossoms of silvery down, on cream, all laid about with an even netting of chestnut brown. Pkt., 50c.

**HEUCHERA Hoodacres Hybrids.** 30 in. Very vigorous and prolific. The bells much larger than other sorts. The bloom stalks are tall; some have the habit of blooming twice in a season. Wide range of color shades. Trade pkt., \$1.00.

**HOLLYHOCK Orange Prince.** Very delightful new color. See outside back cover page for colored illustration and description. Trade pkt., 35c;  $\frac{1}{4}$  oz., 75c; oz., \$2.40.

**LIATRIS Scariosa Autumn Spire.** Graceful spires of a lovely rosy purple color. Flower stalks  $2\frac{1}{2}$ -3 ft. with flower-heads 18 to 24 in. long, tapering from about 4 in. at bottom of flower-head to 12 in. at top. Start flowering about September 15th. Trade pkt., 50c;  $\frac{1}{8}$  oz., \$1.25; oz., \$7.00.

**LIATRIS Scariosa Alba.** Attaining a height of 3 ft., its stout spikes of pure white blossoms are excellent for cut flower purposes. Trade pkt., 50c;  $\frac{1}{4}$  oz., \$1.75; oz., \$6.00.

**LINUM Narbonense Heavenly Blue.**  $2\frac{1}{2}$  ft. The flowers are twice as large as the common Linum perenne. The color is a luminous ultramarine blue. Trade pkt., 50c.

## PAPAVER

**Nudicaule Cardinal.** 16 in. Brilliant cardinal-red. Trade pkt., 25c;  $\frac{1}{8}$  oz., 75c.

**Nudicaule Gartford Giant Art Shades.** 30 in. Exceptionally fine large flowers, beautifully fluted and soft textured. Trade pkt., 35c;  $\frac{1}{4}$  oz., \$1.00 oz., \$3.60.

**VIOLA Saxatilis.** Myriad flowers carried well over the low, spreading plants. There will be golden yellow, lemon, lavender, mauve and rosy lilac, but perhaps most plentiful are the two-tone flowers, where a mellow honey-gold shades into smoky purple-violet. Trade pkt., 35c.



# Vaughan's The World's Best Flower Seeds

## Order Early to Avoid Shortages Due to War.

War conditions have greatly delayed deliveries of certain flower seeds from European growers. While we are promised additional supplies of some of the varieties listed herein, and expect them to arrive safely, there is always the possibility of disappointment. The rule as to stock on hand must be: First come, first served, and therefore we urge that you send in your orders early to make sure of filling your requirements in full.

Buyers of seeds are dependent upon the experience, ability and integrity of the seedsmen to insure the quality and identity of the seeds they buy. Our customers are protected by the skill of an organization which for more than sixty years has specialized in seeds for florists.

Carl Cropp, vice president of Vaughan's Seed Store since 1884, and his son Carl Jr., are in touch with expert growers throughout the world. By frequent inspection trips, and careful checking in our trial gardens, they make sure that we supply you with the best seeds obtainable in the world.

**TESTING AND TRIALS** Every lot of flower seed sold by us is tested in OUR OWN laboratory, where we prove the germination and make certain that the percentage is up to the high level of our standards. Trueness to type is determined and checked by the hundreds of tests grown in our greenhouses and trial grounds. This summer we conducted a series of approximately eight hundred trials of various varieties further to check on the reliability of our seed.

**Flower Seeds for Summer Sowing.**—We issue a special catalogue in June. Should you fail to receive one, please write for it.

**For Seeds of Perennials and Biennials,** see pages 34 to 47.

**Trade packets** contain considerably more seed than ordinary or retail packets, being based on Florists' needs for ordinary purposes.

Florists invariably get trade packets unless otherwise specified.

Quantities of  $\frac{1}{4}$  lb. and over are charged at the pound rate; unless stated otherwise,  $\frac{1}{8}$  lb. is at the oz. rate;  $\frac{1}{2}$  oz. is at the ounce rate only when the price per ounce is 20c or more and  $\frac{1}{2}$  oz. rate is not otherwise quoted.

We do not sell  $\frac{1}{2}$  oz. where the price per ounce is 15c or less.

**Cash Discounts on Flower Seeds:** On all orders for flower seeds totaling less than \$25.00, 5%, and over \$25.00, 8%, may be deducted if cash is enclosed.

	Trade pkt.	Oz.
<b>Abronia Umbellata</b> (Sand Verbena). Rose, 10 in. ....	\$0.10	\$0.50
<b>Abutilon</b> (Flowering Maple). Hybridum Maximum, bloom in six months from time of sowing, very large flowers in various shades. .... $\frac{1}{8}$ oz., \$1.20	.35	....
<b>Achimenes Mixed.</b> Greenhouse pot plant. Flowers tube-shaped in many attractive colors. Fine for hanging baskets and pot plants. .... 500 seeds	1.00	....
<b>Acroclinium Double Giant Mixture.</b> Excellent fresh cut flower. When used for winter bouquets, cut when buds begin to open. ....	.15	.80
<b>Adonis Aleppica.</b> Large shining deep blood-red flowers, lively green feathery foliage. 2 $\frac{1}{2}$ ft. .... $\frac{1}{4}$ oz., 70c	.30	2.40
<b>Agapanthus Umbellatus</b> (Blue Lily of the Nile). Does well out of doors in all southern states. .... $\frac{1}{4}$ oz., 65c	.35	2.20

## Ageratum

Sow seed early to have good sized plants for spring. Plants from seed will vary some in habit.

Mexicanum. Blue, for cutting. 2 ft. ....	.10	.40
Album White, 2 ft. ....	.10	.40
Blue Ball. Fine dwarf rich blue variety. ....	.15	.80
Blue Cap, 4-in. Dwarf compact habit. True blue flowers. Very uniform. .... $\frac{1}{4}$ oz., \$0.70	.25	2.40
Blue Perfection. True blue, 6-in. ....	.15	.80
Fairy Pink. Dwarf and compact habit, flowers delightful soft salmon-rose. .... $\frac{1}{4}$ oz., \$1.50	.50	....
Little Blue Star. Tiny bushes, flowers light blue with red center, 4 in. .... $\frac{1}{4}$ oz., 60c	.25	2.00



**AGERATUM Midget Blue**  
Trade pkt., 35c;  $\frac{1}{4}$  oz., \$1.60; oz., \$4.80.

## AGERATUM MEXICANUM—Continued.

Trade pkt. Oz.

<b>Midget Blue.</b> A delightful little plant being uniformly dwarf and true to color from seed. The delicate fine foliage is practically smothered with small true Ageratum blue flowers. .... $\frac{1}{4}$ oz., \$1.60	\$0.35	\$4.80
Venus, Pink. 6 in. .... $\frac{1}{4}$ oz., 70c	.25	2.40
Lasseauxi. Clear pink, excellent as cut flowers, 2 ft. ....	....	....
<b>Agrostemma Coeli-Rosa</b> (Rose of Heaven). Rose, 12 in. ....	.10	.20
<b>Aloe Variegata</b> or "Tiger-Aloe," the finest and most favored quick-growing succulent with beautifully variegated leaves. 100 seeds, \$1.25; 1000 seeds, \$10.00.		
<b>Alyssum Maritimum</b> (Sweet Alyssum). 10 in., lb., \$1.80	.10	.20
<b>Snow Cloth.</b> A special selection, each plant absolutely flat and a compact mass of white without green center. This variety comes into bloom two weeks earlier than other varieties. .... lb., \$6.00	.15	.60
<b>Compactum Lutescens.</b> Straw yellow; 6 in. ....	.10	.40
<b>Vaughan's Little Gem.</b> This is a special strain of extra dwarf, flat plants—ideal for edging and will give you 100% customer satisfaction. 4 in. .... lb., \$6.00	.15	.60
<b>Violet Queen.</b> A very pretty bright violet tint, much deeper in color than the Alyssum Lilac Carpet offered previously. It has the usual honey-like odor of the white variety. .... $\frac{1}{4}$ oz., 70c	.35	2.60
<b>Amaranthus Molten Fire.</b> Fiery crimson and maroon .... $\frac{1}{4}$ oz., 25c	.15	.80
<b>Salicifolius</b> (Fountain Plant). Green with bronze, tops blood-red, showy, 30 in. ....	.15	.60
<b>Ammobium Alatum Grandiflorum.</b> White, 18 in. ....	.10	.40
<b>Anagallis Grandiflora Coerulea.</b> Dark blue. 10 in. ....	.15	.60
Grandiflora, Mixed. Rich and showy. ....	.15	.50
<b>Anchusa Capensis,</b> Blue Bird. Vivid indigo, 18 in. ....	.15	.50
<b>Angelonia Grandiflora.</b> Lilac, white tigered throat, fragrant, 3 ft. ....	.35	....



# "SNAPS" For Greenhouse Forcing

Snapdragon being one of the leading Florist Greenhouse crops, we have followed very closely the development of the Winter Flowering or Forcing type and offer the following approved varieties. They are much used for outside growing as well.

## SPECIAL OFFER—WHERE PRICE IS:

\$1.00 per pkt., we supply any 3 for \$2.50; any 5 for \$3.50; any 7 for \$4.55  
\$1.50 per pkt., we supply any 3 for \$4.00; any 5 for \$6.50  
\$2.00 per pkt., we supply any 3 for \$5.00; any 5 for \$7.50

NOTE: Combination prices apply to orders for one or more varieties.

Varieties preceded by a star (\*) are best for early winter flowering.  
Varieties followed by a cross (X) we can supply in ½ trade pkts. at 60c each.

Trade  
pkt.

## NEW INTRODUCTIONS

Klondyke Supreme. Deep intense golden yellow with extra large individual florets, early and continuous bloomer. .... \$1.50  
Mary Ellen (Yoder) is a light rose pink, blooming freely and evenly in winter. It is characterized by a stiff stem with very little side growth and a long head with medium sized, evenly spaced florets. .... 2.00  
St. Louis Early Pink (Rowe). It is a beautiful shade of flesh pink, the well placed flowers being produced on wiry stiff stems. A minimum of lateral growths is produced, making it possible to set the plants close together in the beds. Comes in crop in December and blooms heavily through January and February. Flower spikes being 10 to 12 inches in length and the flowers do not shatter. .... 2.00  
Schaffroth's Pink. A beautiful soft rose pink. Early flowering, starting in early December and coming in full bloom at Christmas and will cut all through January. May be grown as a second crop which will be in fine flower for Mother's Day. Fine spikes, is a clean grower, wonderful keeper and the flowers rarely drop. Received a Silver Medal at the New York Florist Club meeting, spring 1940. (500 seeds) ..... 1.00  
Windmill's Lilac. Excellent orchid, true to type and color, early, hardy wiry stems, small foliage, productive. Has made good far and wide. Certificate New York Florists Club, February 12, 1940. .... 2.00  
Yellow Wonder. (Bezdek.) Early and free flowering. Has a good stiff stem, a fine commercial variety, and a beautiful yellow shade that strongly appeals to retailers. .... 2.00

## BRONZE SHADES

\*Afterglow. Golden bronze X. Better than New Dawn. .... 1.00  
\*Early Glorious (Windmill). A highly attractive deep bronze shaded scarlet with closely set spikes. Fine for Valentine Day Sales. .... 1.50  
Hodaly's Ideal. Color, a blend of carmine rose shading into rich orange, tipped with lemon-yellow. Lips golden yellow, slightly suffused with carmine, white throat. Good grower, strong stiff stem, well supplied with heavy luxuriant foliage. Large flowers, well formed heads. Winter-flowering strain, blooming in four months from seed. .... 2.00  
Kirkwood Beauty. Bronze with a cast of gold—a striking color. .... 1.00  
\*Miss Wooster (De Witt). The color is a dazzling rich dark bronze. Early blooming, the heads of blooms are very large and compact. It is an ideal shipping variety. .... 1.00  
\*New Deal. Very early, fragrant, golden bronze. .... 1.00  
Roman Gold. A deep golden yellow with a lip a lighter yellow X. .... 1.00  
\*Sunlight. Improved New Deal, finest early golden bronze. .... 1.00  
\*Suntan. Rose shade of tan with tinge of yellow on lip X. .... 1.00  
Talisman (Windmill). Improved strain, all double, all bronze, true to type and color, early and continuous, a fancy flower for retail trade. Excellent for combination with other flowers. .... 2.00

## LAVENDER

Bertha Baur. Standard lavender. .... 1.00  
Schrock's Orchid. True orchid color with exceptionally long and beautiful spikes. Spring flowering. .... 1.00  
\*Schumann's Lavender. A true color, produces a strong sturdy stem with a spike of large moderately close flowers. An early variety that will not shatter. .... 2.50  
½ trade pkt., \$2.00.

## PINK AND ROSE SHADES

Cheviot Supreme Appleblossom (Windmill). In color it resembles Verbena Mayflower. In late spring the color deepens to salmon-rose. Best in February. Does not shatter. .... 1.50  
Cheviot Maid, Supreme. Deep rose-pink X. .... 1.00  
Cheviot Maid Supreme, Rust Resistant. .... 1.00  
\*Christmas Cheer. (Windmill). Conceded the best early pink. Easy to grow, sure to bloom, pleasing color, good at any time. First cross hybrid from Rose Pink Cheviot. Try this under artificial light. .... 2.00  
Daybreak (Breitmeyer). Strong, vigorous pink. Same shade as the Rose Briarcliffe. Heavy winter producer. .... 1.00  
\*Gilbert's Pink Queen Supreme. This is several shades deeper than Cheviot Maid Supreme and is particularly noted for the fact it produces perfect flower-heads. .... 1.50  
La France (Windmill). True strain, single plant selection, 100% true to type and color, ruffled satiny pink, excellent spikes and stem and a favorite with everyone. Will surely take front rank when known. Certificate N. Y. Florists Club February 12, 1940. .... 2.00  
Marie Louise (Raasch). Beautiful sea-shell pink. Strong and free-branching, producing long strong stems with compact flower spikes, with flowers closely set. .... 2.00  
\*New Cincinnati. The finest light rose. .... 1.00



HODALY'S IDEAL

\*Peggy Schumann (Schumann). A new medium pink, a large close-flowering spike on a strong, sturdy stem; will not shatter and produces no blind shoots. An early bloomer... \$2.00

\*Rose-Pink Cheviot Supreme (Windmill). Early, hard, wiry stems, small foliage, excellent keeper and shipper, intense color. Best in January. .... 1.50



**ANTIRRHINUM—Pink and Rose Shades—Continued.** Trade pkt.

Radiance (Thomson). A lovely, deep pink.....	\$1.00
Rose Queen (Witterstaetter). Dark pink X.....	1.00
Terry's Surprise, Improved. Pink and bronze shades.....	1.00
*Winter Helen. Lovely salmon-pink, early and winter bloomer	1.00

**RED**

Velvet Beauty. Rich American Beauty red in color.....	1.00
*Velvet Supreme. Warm crimson red selection from Velvet Beauty; a live glowing color in spring.....	1.50

**WHITE**

Captor. Pure white, fair habit.....	1.00
Cheviot Maid Pure White. (Yoder). Flowers well placed..	1.00
*Lucky Strike. Well known pure white, grows three to four feet with full spike of flowers; does not drop or shatter X..	1.00
Lucky Strike Improved. Earlier than the original.....	1.50
Marion White (Schumann). A real white, large close flowering spike off a strong, sturdy stem, throwing small foliage	1.50
Snow White (Windmiller). Late white for Easter and Mother's Day. A glorious white for weddings and church decorations. Stately spikes of white on long stems.....	1.50
Westover's Fringed White. A great favorite in the East. Sow for late crop.....	1.00
*White Prosperity. A pure white.....	1.50
*White Wonder (Bezdek). A fine pure white. Free and early	1.00

**YELLOW**

*Ceylon Court. Dark selection. Canary Yellow. Our introduction.....	1.00
Cheviot Maid. Yellow. (Volz).....	1.00
Coate's Yellow Perfection. Deep golden yellow. Spring flowering.....	1.00
*Ethel (Kramer). Is a large, bright yellow flower, winter bloomer, well formed head, good stems, easy to grow, early and shatterproof.....	1.50
Gorgeous (McFarland). Slightly lighter than Coate's Yellow. Large individual flowers forming spikes 15 to 20 inches long. Excellent for use after Mums. Sow after August 15th.....	2.00
Royal Gold. Beautifully blended orchid colored flowers with face shading to old gold.....	1.50
Schumann's Yellow..... ½ trade pkt., \$2.00	3.00
Sunray. Large well placed yellow flowers on strong stems, a good shipper, has no grassy growth.....	2.00
Greenhouse Varieties Mixed. With pinks predominating....	.75

## "Majestic" Half Dwarf Sorts

A new type of Snaps, with flowers of the Maximum sorts and height of the "Half Dwarfs." An exceptionally good variety for plant sales and bedding work.

	Trade pkt.	Oz.
Golden Dawn. Golden buff, overlaid salmon ¼ oz., \$1.00	\$0.50	....
Orange King. Rich orange..... ¼ oz., 60c	.25	....
Red Chief. Rich deep scarlet..... ¼ oz., 60c	.25	....
Rose Beauty. Rose-pink self.....	.25	....
Rosella. Rich glowing rose.....	.25	....
Rose Marie. Light salmon, gold center.....	.25	....
Rose Princess. Giant flower, brilliant cerise rose with center over laid gold.....	.25	....
Snow Storm. Early white..... ¼ oz., 60c	.25	....
Sunset. Terra cotta shading to rosy salmon.....	.25	....
Twilight. Delicate rosy salmon.....	.25	....
Majestic Varieties, mixed..... ¼ oz., 50c	.25	\$1.80

## Maximum Giant-Flowered

The flowers are of magnificent size, the individual flowers being 2 to 2½ inches wide on long sturdy stems that are fine for outdoor cut flowers.

	Trade pkt.	Oz.
Appleblossom. Rosy pink, white tube.....	....	....
Bunch of Lilacs. Lilac-purple.....	....	....
Canary Bird. Canary-yellow.....	....	....
Copper King (Indian Summer). Copper shades,....	....	....
Defiance. Scarlet.....	....	....
Golden Queen. Yellow with rosy lilac throat.....	....	....
Old Gold. Beautiful art shade.....	....	....
Purple King. Rich, velvety purple.....	....	....
Ruby. Rich, velvety ruby-red.....	....	....
Snowflake. White.....	....	....
The Rose. Pure rose.....	....	....
Wallflower colors.....	....	....
Each of the above..... ¼ oz., 40c	\$0.15	....
Maximum. Many kinds, mixed..... ¼ oz., 40c	.15	\$1 20

Majus Grandiflorum En Garde. Coral pink and amber. Distinct habit and perfect form.....	.35	....
Vaughan's Special Mixture..... ¼ oz., 45c	.20	1.40

## Large-Flowering Half-Dwarf Sorts

Plants of medium height for bedding.

	Trade pkt.	Oz.
Black Prince. Deep crimson. Dark foliage. ¼ oz., 55c	\$0.15	\$1.80
Bonfire. Orange buff. (Defiance)..... ¼ oz., 40c	.15	....
Canary Bird. Lemon-yellow..... ¼ oz., 40c	.15	....
Defiance. Brilliant scarlet..... ¼ oz., 40c	.15	....
Dorothy Silk. Fiery terra-cotta with a white throat.....	.25	....
Empress. Rich velvety crimson..... ¼ oz., 60c	.15	....
Flame. Improved Defiance..... ¼ oz., 60c	.25	....
Gloria. Rich, deep rose-pink..... ¼ oz., 40c	.15	....
Golden Monarch. Good yellow..... ¼ oz., 40c	.15	....
Golden Queen. Yellow..... ¼ oz., 40c	.15	....
Guinea Gold. Glowing bronzy orange-yellow throat.....	.50	....
His Excellency. Purest scarlet..... ¼ oz., 40c	.15	....
Little Giant. Pure silvery pink, plants about 15 inches tall and of true nanum habit. Almost majestic in size of flowers.....	.50	....
Nelrose. Rose-pink..... ¼ oz., 40c	.15	....
Prima Donna. Terra-cotta pink, suffused primrose, excellent for florist's use..... ¼ oz., 40c	.15	....
Red Emperor. Rich deep scarlet, compact habit...	.25	....
Royal Rose. Rich deep rose.....	.50	....
St. George. A new shade of orange cerise.....	.50	....
Vaughan's Special Mixture, semi-tall sorts. ¼ oz., 50c	.25	1.60

## Dwarf Sorts

Trade pkt. Oz.

The Tom Thumb Antirrhinums always give a small proportion of taller plants, which can be very easily eliminated in planting them out.

**Tom Thumb.** Sow some dwarf Snapdragon in February. By the middle of May they will develop into heavy 2-inch pot plants with 6 or more flower spikes, if you will grow them in 50 deg. house and shift and pinch a few times. 6 in.

Baby Rose. Very free flowering, compact plants covered with flowers of a deep, pink self tint. Much deeper in color than the Magic Carpet.....	\$0.25	....
Fireball..... ¼ oz., 60c	.25	\$2.00
Pinkie. Pure pink..... ¼ oz., 70c	.25	2.40
Niveum Snow Queen. Snow-white..... ¼ oz., 60c	.25	2.00
Yellow..... ¼ oz., 70c	.25	....
Roseum rose..... ¼ oz., 70c	.25	....
Mixed, all colors, each..... ¼ oz., 50c	.25	1.80

**Rock Hybrids, Mixed.** Very charming, compact little plants, 4 to 6 inches high, covered with small flowers of various pretty colors.....

**Pink Gem.**.....

**Magic Carpet.** A Snapdragon of almost creeping habit, fairly covered during the summer with delightful soft pink flowers. Useful for border or rock garden

## Antirrhinum Rust-Resistant Strains

By growing Rust-Resistant seed, there is a better germination, plants are more vigorous, foliage remains clean and the flowers are large and of excellent color. There will be a longer flowering season as well.

### MAJUS GRANDIFLORUM 2½ ft.

	Trade pkt.	Oz.
Brilliant Rose.....	\$0.50	....
Daintiness. Rose-pink, white throat..... ¼ oz., \$1.00	.35	....
Opal Queen. Beautiful shades of pink tinged with salmon and with an overlay of apricot. A pale yellow nose emphasizes the striking beauty of this color combination..... ¼ oz., 75c	.25	....
Orange Shades..... ¼ oz., \$1.00	.35	....
Rosalie. A rich deep rose with underlying tone of topaz or amber. The tube and lip are the same color, The plants are base-branching and produce 6 to 8 huge flowering spikes..... ¼ oz., \$1.00	.35	....
Salmon-Pink.....	.35	....
Shasta. Pure white, extra free flowering..... ¼ oz., 75c	.25	....
Stoplight. A vivid red self, both flower and tube being one color. The individual flowers are large and closely set..... ¼ oz., \$1.00	.35	....
Yellow Jacket. A clear deep yellow..... ¼ oz., \$1.00	.35	....
Vaughan's Majus Grandiflorum Mixture. A truly outstanding blend..... ¼ oz., 60c	.25	\$2.00



**ANTIRRHINUM RUST RESISTANT STRAINS—Continued****SUPER MAJESTIC**

<u>Rose Sensation.</u> It is our richest, most charming shade of rose-pink with just a touch of salmon to add to its appeal. The individual flowers are huge, both tube and flower being one solid rose color. Trusses are immense and finely tapered.	Trade pkt. Oz.	
Orange Shades. Ranging from light to deep orange.	1/8 oz., \$1.00	.50
Royal Crimson.	1/8 oz., 1.00	.50
Silver Pink.	1/8 oz., 1.00	.50
Vaughan's Super Majestic Mixture. This wonderful mixture contains all of the above varieties plus many other pleasing combinations. An outstanding blend.	1/8 oz., \$1.00	.50

**MAXIMUM OR SUPER GIANTS**

Alaska White.	Fair Lady. Silver pink, white tube and yellow tip on lip.		
Autumn Glow. Copper shades.	Indian Summer. Coppery rose scarlet.		
Campfire. Pure luminous scarlet.	Loveliness. Pure soft rose-pink.		
Canary Yellow.	Paradise Rose. Salmon.		
Copper King. Shining copper color.	Pink Sensation. Pure pink, frilled flowers.		
Daffodil. Beautiful two-tone yellow.	Each of the above.	1/4 oz., 60c	.25 \$2.00
Golden Glory. Deepest yellow.	Golden Rod. Bright golden yellow waved flowers, strong grower.	1/4 oz., 70	.25 2.40
Swing Time. Rose-pink.	Red Cross. Glowing velvet crimson.	1/8 oz., \$1.00	.50
White Spire. Compact plant, pure white flowers.		1/4 oz., 60c	.25 2.00
Vaughan's Maximum Mixture. Contains all of the above in finely proportioned blend. Individual flowers are large, with heavy flower spikes. Especially recommended for outdoor cutting and flat sales.		1/4 oz., 60c	.25 2.00
Vaughan's Special Mixture. All Rust Proof varieties.		1/4 oz., 85c	.25 2.80

<u>Aralia Sieboldi.</u> Fine green foliage plant readily grown from seed. Seed ready in April.		
<u>Arctotis Grandis</u> (The African Lilac Daisy). Pure white on upper surface, reverse petals being lilac. Very useful for cutting. 32 in.	.15	.40
<u>Breviscapa Aurantiaca.</u> The daisy-like flowers have petals of a pleasing dark orange which turns lighter toward the center, with a purplish disc, 6 in.		
<u>Large Flowering Hybrids.</u> Resembles Gerbera. Numerous beautiful colors. 12 inch.	1/4 oz., 85c	.35 3.00
<u>Asclepias Curassavica.</u> The heads of orange-red flowers, which arise from the axils of the leaves, are freely produced and long lasting.	.15	.80

**Asparagus**

Write for prices on larger lots.

<u>Plumosus Nanus.</u> (Lath Housegrown.) Carefully harvested, hand-picked, plump, well-matured seed of this is a specialty with us. 250 seeds, 40c; 1,000 seeds, \$1.00; 5,000 seeds, \$4.50; oz., 80c; lb., \$8.00.	
<u>Falcatus.</u> Valuable bushy green for cutting purposes. Shiny dark green leaflets that are larger than Sprenger.	
<u>Sprenger.</u> 250 seeds, 35c; 1,000 seeds, \$1.00; 5,000 seeds, \$4.50; oz., 80c; lb., \$8.00.	
<u>Scandens Deflexus.</u> Elegant greenhouse climber. Excellent cutting material.	

Our Trial Grounds, located at Western Springs, Illinois, are open to visitors during the summer and fall and we extend a cordial invitation to all interested in horticulture to visit them. Every variety is plainly marked.



ASTER GIANT BRANCHING

# Asters

## WILT-RESISTANT

Asters have been widely attacked by the Fusarium Wilt, which condition has been overcome in growing the Wilt-Resistant Strains, which, although grown in infected soil, proved immune to the disease. Aster Yellows is also an enemy. This has been found to be transferred to the plants by tiny insects called leaf hoppers, and the only way to overcome this is to grow the plants under a cloth cover.

As the roots of Asters are produced near the surface, a mulch of some kind spread over them in hot weather is very beneficial and will be repaid by fine plants, large blooms, stronger stems, and more profuse blooming.

**ASTERMUM—2 feet**

The plants are of strong upright growth with 12 to 15 strong stems 20 inches long, each carrying a flower of perfect form.

White, Lavender or Rose-Pink.	Trade pkt. Oz.	
Each of above.	1/4 oz., 50c	\$0.30 \$1.80
Mixed, three varieties.	1/4 oz., 50c	.25 1.60

**AURORA**

Golden Sheaf, yellow self. A splendid free-flowering aster, with large full flowers, quilled centers and outer band of broad petals. Height, 2 ft, fine for cutting. Trade pkt., 30c; 1/4 oz., 50c; oz., \$1.80.

**CREGO—2 feet**

This flower is giant in size, many blossoms six inches across. The petals are nearly double the length of the older varieties and are twisted and curled into a very fluffy effect. Comes into bloom in August, continuing well into September. A splendid keeper and shipper.

Azure Blue	Deep Rose	Lavender	Salmon-Pink
Blue Flame	Enchantress	Pink	Violet
Crimson	(Salmon-rose)	Purple	White
Cattleya.	Orchid shades.		
Each of the above.	1/4 oz., 50c	\$0.30 \$1.80	
Crego Mixed, all colors.	1/4 oz., 45c	.25	1.50

**EARLY BEAUTY—2 to 3 feet**

Plants of branching habit, commencing to bloom in early September and lasting until destroyed by frost. Flowers large, borne on long and stout stems, from 18 to 24 inches.

Azure Blue	Black Prince (deep marine violet)	Crimson	
Carmine Rose	Purple		
White	September Beauty		
Each of the above.	1/4 oz., 50c	\$0.30 \$1.80	
Mixed, all colors.	1/4 oz., 45c	.25	1.50



## ASTER VAUGHAN'S WILT RESISTANT—Continued

### EARLY GIANT

The flowers are full petaled with broad, graceful petals, daintily plumed and intertwined, very large, 4 to 5 inches across. Plants 1½ to 2 ft. tall with branches coming low on the central spike. There are practically no laterals or side branches. Early blooming. An exceptional new class.

	Trade pkt.	Oz.
Light Blue.....	¼ oz., 70c	\$0.30 \$2.40
Peachblossom. Opens white, flushes lavender pink.		
.....	¼ oz., 70c	.30 2.40
Rose Marie. Rich lively shade of rose, new.	¼ oz., 90c	.50 3.00

### GIANT BRANCHING

Excellent for cut flowers. The branching habit is accompanied by vigor of growth and profusion of bloom. The flowers are large, very double, stems long and colors vivid. 2 to 3 ft.

	Trade pkt.	Oz.
Crimson	Pink	Sensation (deep red)
Deep Rose	Purple	White
Lavender		
Each of the above.....	¼ oz., 50c	\$0.30 \$1.80
Mixed, all colors.....	lb. \$12.00 ¼ oz., 45c	.25 1.40

### QUEEN OF THE MARKET—18 inches

#### The Standard Early-Flowering Type

Azure Blue.	Crimson	Dark Blue	Flesh Pink
Light Blue	Scarlet	White	Rose.
Each of the above.....	1/4 oz., 50c	\$0.30	\$1.80
Mixed, all colors.....	1/4 oz., 45c	.25	1.50

### THE ROYAL—2 feet. Early-Flowering Branching

This type fills a gap between the Queen of the Market and the Late-Flowering Branching Asters. Sown early inside, and planted out with Queen of the Market, it follows that variety very closely.

Dark Lavender	Rose-Pink		
Peachblossom	Shell Pink		
Purple	White	Trade pkt.	Oz.
Each of the above.....	1/4 oz., 50c	\$0.30	\$1.80
Mixed, all colors.....	1/4 oz., 45c	.25	1.50

### OTHER VARIETIES

**Ball White. Early.** Selection for resistance has not left this quite so large and fine as the original, but a very excellent white-flowering. Sept. 5-10.

**Ball White. Late.** Typical American branching type and habit. Fine long stem and size. The best American Branching strain in white, following in flowering season Ball White Early. Sept. 10-15.

**Ball Phlox Pink.** Fairly light rose-pink, an especially attractive commercial color, with perfect American Branching habit and form. Sept. 5-10.

**Ball Deep Rose.** Extra bright shade of deep rose with attractively incurved petals, medium size, extra long stem and highly resistant. August 20 - Sept. 1.

**Ball Deep Purple.** Attractive bright deep purple; in flowering season and long stem, this is an exact duplicate of Ball Deep Rose. The crop of both these fine Ball varieties is cut out before the main midseason supplies are ready. August 20-Sept. 1.

Each of above 5 varieties, trade pkt., 30c; ¼ oz., 50c; oz., \$1.80.

**California Giant, Purple.**..... ¼ oz., 70c \$0.35 \$2.40

**Giant Mammoth Peony Flowered, Silvery Rose.** Immense, fully double flowers resembling the Beauty type, borne on long, stout non-lateral stems. Grow 2½ to 3 ft. tall. An attractive variety with its rich rose silver tipped flowers. .... ¼ oz., 65c .35 2.20

**Giant Comet, Mixed.**..... ¼ oz., 45c .25 1.50

**Illusion.** Soft pastel shade of apricot pink. ¼ oz., 50c .30 1.80

**Heart of France.** Glowing ruby-red. .... ¼ oz., 50c .30 1.80

**King.** All colors mixed. Flowers, large and full, needle-like strong petals. August. .... ¼ oz., 50c .25 1.60

**Ostrich Feather Mixed, all colors.**..... ¼ oz., 50c .25 1.60

**Princess type** have free crested center surrounded by several rows of strong guard petals, early and free bloomers and good keepers.

**Princess Anne.** Delicate pink changing to rose pink.

**Princess Bonnie.** Soft salmon rose with a rich gold center. Each of the above..... ¼ oz., 90c .50 3.00

### ASTERS IN MIXTURE

**Vaughan's Florists' Mixture.** Wilt-Resistant Varieties. Perfectly balanced mixture of best commercial colors. .... lb., \$16.00; ¼ oz., 50c .25 1.60

**Vaughan's Special Mixture of Wilt-Resistant Varieties.** This is a mixture of the most beautiful and distinct colors of the tall-growing Asters. ¼ oz., 70c .30 2.40

**Wilt-Resistant Single Chinese.** Plants 1½ to 2 ft., flowers daisy-like, petals wide and closely placed, blooms in late August.

Carmine Rose	Lilac	
Dark Blue	Marechal Joffre (dark scarlet)	Flesh
Rose	Lavender (light blue)	
Trade pkt.	Oz.	
Each of the above.....	¼ oz., 90c	\$0.15 \$0.60
Mixed, all colors.....	¼ oz., 60c	.15 .60

## STANDARD BRED ASTERS

### CALIFORNIA GIANT SUNSHINE

These are the result of a cross between the California Giants and Sunshine, hence the name. Plants of this race grow 3 feet high and bear blossoms on long, stiff stems, admirable for cutting. The individual blooms are enormous, 4 to 5 and 6 inches in diameter.

Appleblossom	Purple (Alpen Glow)
Enchantress Pink	Rose (Rainbow)
Light Blue (Blue Moon)	White (Moonbeam)
Light Lavender (Stratosphere)	
	Trade pkt. Oz.
Each of the above.....	¼ oz., 90c \$0.35 \$3.00
Mixed, all colors.....	¼ oz., 60c .25 2.00

### CALIFORNIA GIANTS—2½ to 3 feet

They are of vigorous growth and of the Crego, or Ostrich, type of flower. They are partially non-lateral and the blooming season extends from midseason until cut down by frost.

Appleblossom	Light Blue		
Carmine Rose	Light Purple		
Crimson	Peachblossom		
Dark Purple	Silvery Rose		
Deep Rose	White		
		Trade pkt.	Oz.
Each of the above.....	¼ oz., 70c	\$0.35	\$2.25
Mixed, all colors.....	¼ oz., 60c	.25	1.80
<b>Early Express or Early Wonder Mixed.</b>	16 in. ....		
.....	¼ oz., 45c	.25	1.40

**Super Giant Los Angeles.** The flowers are large, are most artistic, due to the unusual curling and interlacing of the petals, giving a light feathery effect. The color is a pure shell pink. .... ¼ oz., 80c .35 2.80

**Super Giant El Monte.** Companion to above variety and exactly like it except in color, which is a deep glowing crimson. Blooms early and remains in flower over a long period. .... ¼ oz., 80c .35 2.80

### GIANT PEONY FLOWERED—2½ to 3 ft.

Flowers beautifully incurved with straight, rigid stems non-lateral branching.

Azure Fairy (Azure blue)	Rose Bud (Deep rose)
Maiden's Blush (Delicate pink)	Swan's Down (Pure white)
Purple Robe (Deep purple)	
	Trade pkt. Oz.
Each of the above.....	1/4 oz., 60c \$0.35 \$2.00
Mixed, all colors.....	1/4 oz., 50c .25 1.80

**American Branching Type, Rosalie.** The handsome, fully double flowers are four inches in diameter. The color is a deep rose-pink. The great feature of this new Aster is its ability to continue to produce flowers 100% double throughout the season, and at no time are the centers exposed. .... ¼ oz., 80c .35 2.80

**Scarlet King (Beacon).** Every flower is fully double and the color is even more intense than Heart of France. 20 in. .... ¼ oz., 60c .25 2.00

**Surprise Salmongold.** When starting to flower the blossom is a pure salmon-yellow color. The fully developed blossom shows a radiating salmon-pink shade. The flowers are 2¾ to 3½ inches in diameter. Very fine. ....

**Boltze's Dwarf Bouquet, Mixed.** A splendid variety for pots. .... ¼ oz., 50c .25 1.80

**Dwarf Chrysanthemum Flowered, Mixed.** 12 in. Fine for pots and borders. ....

### SINGLE ASTER

	Trade pkt.	Oz.
Single Giants of California. Flowers large, 3 to 4 inches in diameter. Petals graceful, stems 18 to 24 in. Blooms in mid-September. ....		
Light Blue, Purple, Rose, White.		
Each of the above.....	¼ oz., 50c	.15 .50
Mixed, all colors.....	¼ oz., 50c	.15 .50





BUSH BALSAM. Trade pkt., 25c; oz., \$2.00.

## Balsam

**Bush Balsam.** Flowers appear in clusters on top of stem instead of on sides. When grown in small pots, these make nice plants in bloom for spring sales.

	Torch (dwarf vermilion red.)	Rose Scarlet	White Reflected Rose	White
Each of the above.....	1/4 oz., 60c	\$0.25	\$2.00	
Bush Mixed.....	1/4 oz., 60c	.25	2.00	

**Vaughan's Invincible Mixed.** A splendid strain producing very double flowers of the finest form. This is the old fashioned type with flowers on side of stem..... .15 .80

**Baileya Multiradiata (Desert Sunray).** The plant is a foot tall with greyish-green, woolly stems and foliage, and the handsome flower is an inch and a half across, with a fine ruffle of many bright yellow rays, prettily scalloped, and a yellow center, rather deeper in color..... 1/4 oz., 85c .35 2.80

**Bartonia Aurea.** Golden yellow. 24 in..... .10 .30

**Bachelor's Button.** See *Centaurea Cyanus*.

## Begonia — Fibrous-Rooted

These Begonias make excellent spring flowering plants in small pots or for combination use.

	Trade pkt.	Oz.
<b>Pink Pearl.</b> Of dwarf, compact habit—6 to 8 inches high, this new Begonia is one of the very best for pot culture. The plants form perfect balls and the flowers are well above the fresh green foliage.....	\$1.25	....
<b>Red Pearl.</b> Same as above in growth, height and blooming habit. Color brilliant dark scarlet.....	1.25	....
<b>Gracilis Adeline (Improved Darling).</b> Very dwarfest habit; bright pink flowers and green foliage, very attractive. Same color and dwarf habit as Pink Pearl..... 1/4 oz., \$2.50	1.00	....
The above are excellent summer bloomers.		
<b>Carmen.</b> Bright rose flowers, bronze foliage..... 1/4 oz., \$2.00	1.00	....
<b>Carmen Scarlet.</b> See <i>Indian Maid</i> .		
<b>Carmen White.</b> .....	1.00	....
The Carmen varieties are very attractive, especially under electric lights, on account of bronze foliage.		
<b>Fireball.</b> Fiery crimson, 10 in.....	1.00	....
<b>Gerda Seeger (Heterosis Variety).</b> Compact growth, about 6 in. high, the coloring a strong rose, in fact the darkest of the Dwarf Gracilis type. Very large and free flowering.....	1.25	....
<b>Indian Maid (Carmen Scarlet).</b> 10 in. Bright deep scarlet buds and flowers with deep lustrous bronze foliage..... 1/2 oz., \$3.50; 1/4 oz., \$2.00	1.00	....

## BEGONIA, GRACILIS—Continued.

	Trade pkt.	Oz.
<b>Luminosa.</b> Deep dark scarlet, foliage reddish brown, 10 in..... 1/2 oz., \$2.40; 1/4 oz., \$4.20	\$1.00	....
<b>Dwarf Luminosa.</b> Extra dwarf, scarlet. Fine for pots. 8 in..... 1/4 oz., \$2.00	1.00	....
<b>Olympia.</b> New. The plants are well branched and are covered with scarlet flowers, resists changing weather conditions. 8 inch. Stock limited.....	1.50	....
<b>Prima Donna.</b> Limpid rose, shading to carmine, most beautiful, 10 to 12 in..... 1/2 oz., \$2.00	1.00	....
<b>Radio (Rundfunk).</b> Large flowered, shining, pure carmine-scarlet, green foliage..... 1/2 oz., \$2.20	1.00	....
<b>White Pearl.</b> White, 10 in..... 1/2 oz., 2.40	1.00	....
<b>Christmas Cheer Red.</b> A very large-flowered variety, color dark crimson-scarlet..... 1/2 oz., \$3.00	1.00	....
<b>Christmas Pink.</b> Identical to above variety only the color is a delightful shade of warm rose-pink..... 1/4 oz., \$1.80	1.00	....
<b>Semperflorens Albert Martin.</b> Bright carmine, very large flowers, 14 in..... 1/2 oz., \$1.60	.50	....
<b>Alba, Pure white.</b> .....	.50	....
<b>Elegance.</b> The plant is of bushy habit, medium tall and most free flowering. The individual flowers are large, pink with white center, foliage clear green.....	1.00	....
<b>Enchantress.</b> Fresh rose color.....	1.00	....
<b>Erfordia.</b> Pure La France rose.....	1.00	....
<b>Fire Sea (Blaze of Fire).</b> Fiery red flowers, green foliage. 8 in.....	1.00	....
<b>G. Knaacke.</b> Glowing salmony pink... 1/2 oz., 1.60	.50	....
<b>Glow.</b> Foliage bronze, flowers glowing scarlet..... 1/4 oz., \$1.80	1.00	....
<b>King of the Reds.</b> Very dwarf, glowing scarlet bronze foliage. Same color and habit of Red Pearl..... 1/4 oz., \$2.20	1.00	....
<b>Lightning. (Thunderbolt).</b> Large flowers 2 in. across and deep carmine scarlet shade. 10 in..... 1/4 oz., \$1.50	1.00	....
<b>Heterosis Essen, 1938.</b> The buds are a bright cherry red, turning to amaranth cerise as they open. The plant branches freely and is of dwarf habit.....	1.00	....
<b>Little Midget.</b> A remarkably early and willing bloomer. Plants flower freely when only an inch or two in height. Color a pretty dark carmine.....	....	....
<b>Rosabella.</b> Light rose.....	1.00	....
<b>Salmon Queen.</b> Large cinnabar red blooms, 12 in..... 1/4 oz., \$1.50	.50	....
<b>Scandinavia.</b> A new outstanding large-flowered pink variety for pots. Plants are of good branching habit with dark green foliage. Excellent for winter flowering..... 1/4 oz., \$2.20	1.00	....
<b>Winter Romance.</b> Carmine pink flowers, light green foliage.....	1.00	....
<b>Special Mixture of Bedding Begonias.</b> ... 1/2 oz., 1.40	.50	....

## BEGONIA TUBEROUS ROOTED

Grown easily from seed which sown in January will make fine pot plants for spring. This type Begonia is most satisfactory for planting in the shade.

	Trade pkt.	Oz.
<b>Tuberous-Rooted.</b> Single, mixed, 12 in.....	\$0.50	....
* <b>Double Camellia Type, mixed.</b> The largest and most popular of the double types, individual flowers from 5 to 8 inches in diameter resembling camellias and roses in all forms and variations of color.....	1.00	....
<b>Crispa mixture of frilled sorts</b> .....	1.00	....
<b>Lloydii (Pendula).</b> Pendulous double-blooming, many fine shades, for pots and hanging baskets..	1.00	....
<b>Double. Mixed.</b> ..... 1/4 oz., \$4.50	1.00	....
<b>Mrs. Helen Harms.</b> Heretofore it has been necessary to propagate this delightful Begonia by means of cuttings. Now we can offer seed which will produce about 90% double flowers. The flowers are a deep canary yellow and are about 1 1/2 in. in diameter. The foliage is small. In the second year the tubers produce much larger plants and many more flowers.....	1.00	....



<b>Bell of Ireland.</b> Graceful 2 foot branching stems are so surrounded by 2 inch flowers there is little room for leaves. The bell-shaped calyx is green and delicately veined, containing the white corolla. Both curious and beautiful.....	Trade pkt. Oz.		
..... 1/4 oz., \$1.00	\$0.35	\$3.60	
<b>Brachycome Iberidifolia</b> (Swan River Daisy). 12 in. Blue, White, Pink or Mixed, each.....	.15	.80	
<b>Browallia Elata.</b> Blue, White or Mixed, each.....	.15	.80	
Elata. White.....	.15	1.00	
Demissa. This is bound to become the flower for all gardens the country over where a white border plant is needed to fit the modern garden schemes, because of the ease of culture, profusion and continuity of bloom and apparent adaptability to all kinds of soils.....	.50	....	
<b>Speciosa Major.</b> Large deep blue flowers. Fine for pots. 12 in. .... 1/16 oz., \$1.20	.50	....	
<b>Viscosa Compacta Sapphire.</b> Dark blue, white eye, Dwarf compact plant for pots and bedding.....	.35	....	

## Cactus Seed

Cacti can easily be grown from seed, and are becoming increasingly popular in the retail trade.

(250 seeds of one variety supplied at 1000 rate).	100 Seeds	1000 Seeds
<b>Cereus</b> (Column-cacti). Mixed.....	\$0.50	\$4.00
<b>Cephalocereus Senilis</b> (Old Man Cactus).....	.65	5.00
<b>Cereus Grandiflorus</b> (Queen of the Night).....	1.20	10.00
<b>Echinocactus</b> (Hedgehog-cacti). Mixed.....	.50	4.00
<b>Echinocereus</b> (Cluster-cacti). Mixed.....	.40	3.00
<b>Echinopsis</b> (Tube-flowering hedgehog-cacti). Mixed	.50	4.00
<b>Mamillaria</b> (Wart-cacti). Mixed.....	.40	3.20
<b>Opuntia</b> (Fig-cacti). Mixed.....	.35	2.60
<b>Opuntia.</b> Hardy Mixed.....		
..... 1/4 oz., 40c; tr. pkt., 25c; oz., \$1.40		
<b>Cacti.</b> All kinds and forms, mixed.....	.35	2.80
<b>California Poppy.</b> See Escholtzia.		

## Calendula

### BEDDING VARIETIES

During warm weather the flowers may single out but will return to full doubles when the weather turns cool.

We made a sowing in our Trial Grounds last summer early in July and had a fine display of flowers all fall even after several frosts.

	Trade pkt.	Oz.
<b>Friiled Beauty.</b> New, deep orange.....	\$0.20	\$0.80
<b>Graciella.</b> The colors are varying from lemon to light and dark fiery orange-yellow, with or without dark eye. Early flowering—plants will be in bloom when 6-7 weeks old. 12 inches ..... 1/4 oz., 25c	.15	.70
<b>Orange Fantasy Crested.</b> The first few rows of petals on the outside are long and beautifully twisted; the inner petals are short and fantastically curled and interlaced; a large mahogany-bronze center. Flowers grow 3 3/4 inches across and are of an exceptionally deep bronzy or coppery orange with petals edged deep mahogany-red. 15 in.....	.20	1.00
<b>Orange King.</b> Select stock. Dark center. The outer petals are slightly imbricated, while those of the center are curved like those of the peony. .lb., \$6.00	.15	.80
<b>Pastel Bedding Mixed.</b> Charming assortment of art shades..... 1/4 oz. 50c	.25	1.80
<b>Radio.</b> The flowers are medium size, good depth and clear orange. The petals are quilled.....	.15	.60
<b>Shaggy Orange.</b> The petals are long and deeply laciniated, orange with darker center.....	.15	.60
<b>Shaggy Yellow.</b> Yellow Shaggy has the deepest flower heads of all Calendulas. Flowers are so deep that they are globular, or ball-shaped, 3 in. across, and almost as thick. The petals are quilled and deeply cut on the ends giving the flowers a very shaggy and artistic appearance.		

The color of the flowers is a bright clear yellow with a lighter yellow center, which is nearly covered by the mass of petals. Flowers are borne on very long stems and their form makes them excellent keepers. Plants grow 1 1/2 ft. tall and are valuable for beds, borders and cutting. 1/8 oz., 50c; 1/4 oz., 90c	.35	2.75
<b>Sunshine or Chrysantha.</b> Petals long, broad and drooping. Buttercup yellow.....	.20	.80
<b>Orange.</b> ..... 1/4 oz., 25c	.15	.80
<b>Trial Ground Mixture.</b> This fine blend is composed of all of the standard varieties plus varieties on which we are working, not yet introduced. The color ratio is approximately 2/5 Lemon and 3/5 Orange.....	.20	.80
<b>*Vaughan's Special Mixture.</b> .....lb., \$6.00	.20	.80



CALENDULA VAUGHAN'S IMPROVED SENSATION

CALENDULA—Continued.

### FORCING VARIETIES

<b>Sensation, Vaughan's Improved (Campfire).</b> Long stems; very double, brilliant orange flowers. The blooms are very flat in shape..... 1/4 oz., 60c	\$0.40	\$2.00
<b>Yellow Colossal.</b> Most profuse blooming of all large-flowered Calendulas. The well formed, bushy plants grow 18 in. high and are loaded with flowers. The flowers are extremely double, 4 1/2 in. and more across. The long, gracefully curved petals are a clear, bright yellow..... 4 oz. \$4.40	.25	1.40
<b>Ball Apricot.</b> ..... 1/4 oz. 60c	.40	2.00
<b>Ball Gold.</b> Has the same long stem and extra large, uniformly double flowers that are so well known in our Ball Orange Improved..... 4 oz. \$6.50	.40	2.00
<b>Ball Lemon Queen.</b> .....lb. \$20.00; 4 oz., \$6.50	.40	2.00
<b>Ball Improved Long Orange.</b> Attractive bright golden orange with light eye; a clearer lighter color than the regular Long Orange. Quite outstanding for extra large flowers and long stems....lb., \$20.00; 4 oz., \$6.50.....	.40	2.00
<b>Ball Long Orange.</b> Long-stemmed, light center, clear orange.....lb., \$20.00	.40	2.00
<b>Ball Masterpiece.</b> Extra long-stemmed, deep orange-brown center.....lb., \$20.00	.40	2.00
<b>Ball White (Moonlight).</b> The lightest in color of all the Calendulas, being a beautiful soft cream yellow. A very charming shade.....lb., \$20.00	.40	2.00
<b>Vaughan's Special Mixture for greenhouse forcing.</b> ..... 1/4 oz., 50c	.30	1.50

These above varieties are also admirable for outdoor growing.

## Calliopsis

<b>Coronata Maxima</b> (Crown of Gold). Bright yellow, 20 in.....	.10	.30
<b>Drummondii</b> (Golden Wave) Golden yellow with brown-red ring, 20 in.....	.10	.20
<b>Drummondii</b> (Golden Crown). Rich golden yellow with a shining maroon central zone.....	.15	.50
<b>Semi-Double Gold Crest.</b> A rich golden yellow color with a reddish brown zone. Flowers are 2 1/2 to 3 inches across and come with a double row of mammoth petals.....	.15	.50
<b>Vaughan's Special Mixture.</b> .....	.15	.50
<b>Campanula Attica.</b> Violet flowers, 4 in.....	.35	....
<b>Loreii</b> X Violet blue with light center, 6 in.....	.35	....
For other varieties see Perennial Pages.		
<b>Canary Bird Flower.</b> Yellow. Good climber for shade.	.10	.40



## Calceolarias New Choice Varieties Trade pkt.

Golden Charm. A cross between C. Grandiflora and Rugosa Flower Cloud. A golden-yellow with a rich, fine, reddish tiger dusting. Fully as free-flowering as Flower Cloud. Habit semitall, and of healthy habit and foliage. . . . .	\$1.00	
Tausendschoen. Also a cross of C. Rugosa and Grandiflora. Of great freedom of bloom and splendid habit. Color of flower rich golden-yellow with beautiful markings of reddish-brown. Award of Merit at the Stuttgart Flower Show. . . . .	1.25	
Scarlet Flame. Of the same origin as above. An entirely new development of this type. A rich, warm scarlet. Highly recommended. . . . .	1.50	

## Calceolaria Hybrida Trade pkt. Oz.

Hybrida Grandiflora Triumph Strain. A truly outstanding strain. Bright shades of yellow, orange, red and rose; the flowers are large and mostly tigered or spotted. This strain produces bushy, shapely plants with clean foliage. . . . .	\$1.25	
Hybrida Grandiflora Mixed. Extra Choice. Our mixture is composed of the choicest selections of the tigered, marbled, spotted and variegated varieties. . . . .	1.00	
Monarch Strain. An exceptionally fine strain with large flowers and exquisite markings. . . . .	1.00	
Hybrida Multiflora Nana. Mixed. The average size of the blooms is only 1½ inch, but the amount of flowers produced is unsurpassed. The color scheme is extraordinarily gay and full of contrast. Pinch out center to make well shaped bushy stock. . . . .	1.00	
Gilbert's Strain. A selection made by a grower in our midwest. Bright colors. . . . .	1.00	
Golden Tiger. Bright golden yellow flowers with dark brownish red dots, freely produced above the foliage. . . . .	1.00	
Indian Prince. Rich dark scarlet with orange suffusion. Excellent compact habit. . . . .	1.00	
Albert Kent Hybrids. A very lovely variety. The flowers are intermediate in size and produced in large graceful clusters in delicate shades. . . . .	1.00	
Kelway's Perfect Model. (Herbaceous.) . . . . .	1.00	
Feltham Glory. Dwarf, compact plants. Large flowers with great color range. . . . .	1.00	
Grandiflora. Nana Tigrina. Dwarf mixed. . . . .	1.00	
The Rugosa varieties furnish splendid cut flower material besides being good pot plants. The flowers are smaller than the Hybrida, produced in clusters and keep well in water after cutting. The Rugosa (shrubby) varieties are true bedding varieties, having innumerable small flowers.		
Rugosa Aurea. Golden Rain. Pure yellow. . . . .	\$1.25	
Major. Mixed. . . . .	1.00	
"Flower Cloud." Large dense bouquets in yellow, brown and orange shades. Valuable pot plants. Free flowering. . . . .	1.00	

## Candytuft

Giant Hyacinth-Flowered. Select, Pure White. This is a superior strain; it grows about 1½ feet high, with enormous trusses of blooms. The best strain in existence for florists' use. Sow early in January for Mother's day. . . . .	.20	.75
Coronaria, Empress. White. For outdoor planting in the south. . . . .	.10	.25
Miniature Gem. A miniature hyacinth-flowered Candytuft about 3½ inches high, each plant producing four to six spikes of pure white flowers. A fine combination pot plant item. . . . .	.15	.80
Umbellata Carminea. Carmine, 12 in. . . . .	.15	.40
Alba. White. 12 in. . . . .	.15	.40
Flesh-Pink. 12 in. . . . .	.15	.40
Lilacina. Lilac, 12 in. . . . .	.15	.40
Purplea. Crimson, 12 in. . . . .	.15	.40
Rose Cardinal. Rose-pink, 12 in. . . . .	.15	.60
Vaughan's Special Mixed. . . . .	.10	.40
Dwarf Mixed. For pots or combination baskets. . . . .	.15	.40
Crimson. . . . .	.15	.50
Lilac. . . . .	.15	.50
Rosea. . . . .	.15	.50
White. . . . .	.15	.50
For Gibraltarica, Tenoreana and Sempervirens, see Perennial Pages.		

## Annual Canterbury Bells

Blooms from seed in less than six months. The plant grows from two to two and a half feet tall, each plant having from six to eight spikes of blooms. . . . .			
Angelus Bell. Deep rose. . . . .			
Blue Bell. Light blue. . . . .			
Liberty Bell. Violet blue. . . . .			
Mission Bell. Clear pink. . . . .			
Wedding Bell. White. . . . .			
Each of the above. . . . .	¼ oz., 25c	\$0.15*	\$0.80
Mixed, All Colors. . . . .	¼ oz., 20c	.10	.60

Canna Crozy's Best Mixed. Saved from a collection of 20 of the best domestic and imported sorts. . . . .	¼ oz., 70c	.25	2.40
Cardinal Climber. Bright and delicate climber. . . . .		.15	.50

## Carnation

### Vaughan's Early and Perpetual-Flowering

Plants bloom in about five months from sowing and continue to bloom until the end of summer. The flowers are very double, of large size. The calyx does not split. They are borne on stiff stems 15 to 18 inches high. Our strain will produce 90% double flowers and comes true to color.

	White	Flesh-Pink	Maroon
	Yellow	Deep Rose	Salmon-Rose
	Rose-Pink		
Each of above. . . . .	¼ oz., 60c	\$0.25	\$2.00
Scarlet. . . . .	¼ oz., 70c	.25	2.40
Vaughan's Early and Perpetual-Flowering, mixed. . . . .	¼ oz., 50c	.25	1.80

### Enfant de Nice

They are of compact growth with extremely stiff stems bearing flowers which are up to 2¼ to 2¾ inches in diameter without disbudding the plants. The colors come about 75% true from seeds and give about 90% of plants with double flowers.

	White	Red	Trade pkt. Oz.
Each of above. . . . .	⅛ oz., \$1.00	\$0.50	
Rose. . . . .	⅛ oz., \$2.00	.50	
Mixed, from varieties noted above. . . . .	¼ oz., \$1.40	.50	\$5.00

*Malmaison J. M. Bridgeford. Of sturdy habit, each upright growing plant bearing a large flower 3½ to 4 inches across, all being of equal size. The chief merit lies in the extensive color range. See inside back cover for illustration in color. Some 25 different colors have been counted. . . . .	⅛ oz., \$2.00	.50	
Engelmann's Perpetual Gold Medal Hybrids. Seeds saved from the best varieties, with large flowers borne on long stems. . . . .	⅛ oz., \$3.00	1.00	
Teicher bi-annual mixed. A European variety, producing extraordinary large blooms in a fine range of colors; excellent for cutting. . . . .	⅛ oz., \$1.80	.75	
Vaughan's Special Mixture. A mixture of Engelmann's Gold Medal, Giant of Nice and Vaughan's Early and Perpetual Flowering. . . . .	⅛ oz., 75c	.50	

For other Carnations, see Perennial Pages.  
Castilleja Indivisa (Indian Paint Brush). A very rare annual; rosy pink bracts, intermingled with orange-red. Fine for pots. . . . . 100 seeds, \$2.00.

## Celosia

	Childsii (Chinese Wool Flower)	Trade pkt. Oz.
Crimson. Deep Rose. Yellow. 2 ft. Each, ¼ oz., 45c	\$0.20	\$1.40
Mixed. The above colors. . . . .	¼ oz., 40c	.15 1.20
<b>Cristata (Cockscomb)</b>		
Tall, Crimson. Rose. Chamois. Each. . . . .		.25
Tall Empress. Crimson combs, dark foliage. . . . .	¼ oz., 60c	.25
Royal Velvet. This 2-foot plant produces a large center head and numerous large, long-stemmed cockscombs of richest carmine, or crimson, color on basal branches. The combs are borne erect, and the foliage is bronzy green with reddish margins. Makes a splendid cutflower for local trade. . . . .		.50
Tall Sorts, Mixed. . . . .		.15 .60
Nana Aurea. Dwarf, dark golden, 12 in. . . . .		.25
Empress. Bright crimson combs, dark foliage, beautiful, 12 in. . . . .	¼ oz., 60c	.25
President Thiers. Dark crimson, 12 in. . . . .		.25
Rosea. Dwarf. Dark rose combs, 12 in. . . . .		.25
Dwarf Sorts. Extra choice mixed. . . . .		.25



**CELOSIA—Continued.**

**Miracle Cockscomb, Mixed.** Grows 2-3 ft. high without branches, terminated with remarkable cockscombs of enormous size, some round, others cockscomb shape, with surface like velvet plush, others of waved or corrugated appearance. . . . . \$0.50 . . . .

**Plumosa (Ostrich Feather)**

Crimson. . . . . 1/4 oz., 40c .25 \$1.20  
Orange. . . . . 1/4 oz., 40c .25 1.20  
Rose. . . . . 1/4 oz., 50c .25 . . . .  
Scarlet. . . . . 1/4 oz., 50c .25 . . . .  
Parrot's Feather, Mixed. . . . . 1/8 oz., 90c .35 . . . .  
Pride of Castle Gould, Mixed. . . . . 1/4 oz., 60c .25 . . . .

**Pyramidalis Flame of Fire** (Fiery dark scarlet). . . . . 1/8 oz., 70c .25 . . . .

**Lilliput Dwarf Fire Feather.** This dwarf strain is excellent for pots and combinations. 12 in. 1/8 oz., 60c .25 . . . .  
Orange Feather. Golden orange. 15 in. 1/8 oz., 60c .25 . . . .  
Mixed. . . . . 1/8 oz., 60c .25 . . . .

**Thompsoni Magnifica Special Selection, Mixed.** . . . . 1/4 oz., 50c .20 1.80

**Spicata.** 3 ft. Branching freely, each stem terminating in a round, slender, pointed spike of bloom. The flowers at first are a soft bright rose, changing to silver-white. . . . . 1/4 oz., 40c .25 . . . .

## Centaurea

**SUPER GIANT CENTAUREA CYANUS (Cornflower)**

The flowers of these strains are large, fully double and colors intensified. Long stems for cutting. Trade pkt. Oz.

Black Boy. Blackish maroon. . . . . 4 oz., \$1.20 \$0.15 \$0.50  
Blue Boy. Rich deep blue, very large flowers . . . . . lb., \$4.00; 4 oz., 1.20 .15 .40  
Pinkie. Deep pink. . . . . lb., 4.00; 4 oz., 1.20 .15 .40  
Red Boy. Deep red . . . . . 4 oz., 1.20 .15 .40  
Snowman. Best white . . . . . 4 oz., 1.20 .15 .40  
Vaughan's Mixture of Super Giant  
New Varieties Mixed. . . . . 4 oz., 1.20 .15 .40

Trade pkt. Oz.

**Centaurea Cyanus. Jubilee Gem.** Dwarf blue, 12 in. 1/4 oz., 40c \$0.25 \$1.20

**Lilac Lady.** Like the above except color, which is a bright lilac mauve. . . . . 1/4 oz., 50c .25 1.60

**Americana (Basket Flower).** Lilac, 4 ft. . . . . lb., \$5.00 .10 .50

**Alba.** White. 4 ft. Fine cut flower . . . . . lb., 5.00 .10 .50

**Imperialis (Giant Sweet Sultan).** 32 in. Pure white. . . . .

**Amaranth,** a rich plum color. Brilliant Rose. . . . .

**Favorita,** rosy lilac. Deep Lavender. . . . .

**Splendens,** dark purple, Lilacina, lilac center. . . . .

Each of the above. . . . . .15 .50

Mixed Colors. . . . . .10 .40

**Suaveolens.** Canary-yellow, 2 ft. . . . . lb., \$4.00 .10 .40

**Vaughan's Special Mixture.** Includes all the annual Centaurea sorts. . . . . .15 .60

**Candidissima (Dusty Miller).** Broad cut leaved variety with silvery foliage. 16 in. This must be started early, as it is a slow grower. 1/4 oz., 50c .25 1.40

**Gymnocarpa.** Fine cut leaved variety with silvery foliage. . . . . lb., \$4.80 .15 .50

## Chrysanthemum

The annual varieties provide fine cut flowers during summer.

**Carinatum, Burrigeum.** White, crimson zone. . . . . .10 .30

**Northern Star.** Giant white flowers with light yellow center and black disc, 20 in. . . . . .10 .30

**Purpureum (W. E. Gladstone).** Deep purple with yellow ring, 20 in. . . . . .10 .30

**The Sultan.** Dark copper, yellow ring, 20 in. . . . . .10 .30

**Single Mixed.** . . . . . .10 .20

**Cascade or Balconv.** Plants produce drooping spikes a foot or more in length, flowers about the size of a Climax Aster in delicate shades of pink, rose, yellow and white mixed. . . . . .50 . . . .

**CHRYSANTHEMUM—Continued.**

Trade pkt. Oz.

**Coronarium. Golden Crown.** The color is rich butter yellow and flowers are double form with quilled petals. 3 to 4 ft. . . . . 1/4 oz., 60c. \$0.25 \$2.20

**Frutescens (Paris Daisy).** White, 30 in. . . . . .15 .80

**Indicum fl. pl., Chinese.** Early-blooming, hardy, double mixed, 2 ft. . . . . 1/8 oz., \$1.00 .50 . . . .

**Single Chinese.** Early-flowering. . . . . 1/4 oz., 90c .35 . . . .

**Inodorum Plenissimum. Bridal Robe.** Pure white, extra double, compact, fine foliage, 20 in. 1/4 oz., 40c .25 1.40

**Snow Carpet.** Double white flowers which are about two inches in diameter. The foliage is dark green and quite lacy in appearance. 10 to 12 in. . . . . 1/4 oz., 50c .25 1.60

**Japonicum Double Anemone Flowered.** Finest Mixed. . . . .

The flowers, which are beautifully quilled, measure from 2 to 3 inches across. In color they are extensively varied and contain wonderful assortment of golden and bronze shades. . . . . 1/8 oz., \$1.00 .50 . . . .

**Nivelli.** Of bushy growth, with an abundance of beautiful, pure yellow, single flowers all summer and fall. The flowers measure 2 to 3 inches across. . . . . .10 .30

**Segetum (Eastern Star).** Light yellow with dark center and yellow ring, 20 in. . . . . .10 .30

**Eldorado.** Bright yellow, dark brown disc. . . . . .10 .30

**Gloria (Morning Star).** Primrose flowers, 20 in. . . . . .10 .30

**Helios (Evening Star).** Large golden yellow. . . . . .10 .30

**Yellowstone.** Rich yellow; fine form. 1/4 oz., 65c .25 2.20

**Vaughan's Double and Single Mixed,** annual sorts. . . . . .15 .60

See also Perennial Pages.

## Cineraria Hybrida

### CINERARIA "GOLD CENTER" OF THE MULTIFLORA NANA TYPE

This new strain is distinguished by the golden yellow stamens—in the type they are dark. The flowers are produced in great profusion, are of the same size and color range as the Multiflora Nana. The golden yellow stamens make a wonderful contrast with the blues, reds and pinks of the flowers. We strongly recommend this variety. See back cover for colored illustration.

500 seeds, 60c; 1000 seeds, \$1.00; 1/4 oz., \$2.00

**Vaughan's Columbian Mixture** It consists of a mixture of the choicest strains of large flowering dwarfs Trade pkt. Oz.

and cannot be excelled in variety of colors, size, shape and substance of flowers and perfect habit of plant. 1/4 oz., \$1.80; 1/2 oz., \$3.00; 1/6 oz., \$5.50; \$1.00 . . . .

**Cremer's Prize Mixture.** Re-selected. Somewhat taller and larger flowered than Multiflora Nana. . . . . 1/6 oz., \$7.50; 1/32 oz., \$4.00; 1/8 oz., \$14.00 1.50 . . . .

**Howard and Smith's Strain.** Mixed. A very fine selection from a California specialist. 1/4 oz., \$2.60 1.00 . . . .

**Large-Flowering.** Old Rose, pink to rich coppery red. White Azure Blue Matador, deep copper . . . . .

Crimson Dark Blue scarlet . . . . .

Rosamond, pink with dark center, Each, 500 seeds .50 . . . .

**James' Giant.** A well known English strain. . . . . 1.00 . . . .

**Mixture of Gold Center, Cremer's, and Berlin Market** . . . . . 1/64 oz., \$1.75 1.00 . . . .

**Hybrida Multiflora Nana.** Produces dwarf plants with masses of small flowers, measuring about 3/4 in. in diameter, in compact heads over small and dainty foliage. The flowers are self-colored. . . . .

Azure Blue Dark Red Rose Carmine . . . . .

Dark Blue Rose . . . . .

Each of the above. . . . . 500 seeds .50 . . . .

**Multiflora Nana.** Mixed, all colors, 1/32 oz., \$3.00 1.00 . . . .

**Multiflora Nana Maxima.** Mixed. Flowers about same size as Potsdam strain and plants about same height. 1/64 oz., \$1.80; 1000 seeds. . . . . 1.00 . . . .

**Potsdam Strain.** Mixed. (Berlin Market or Weissensee.) The plants are taller and flowers larger than Cremer's. . . . . 1/64 oz., \$1.50; 1/32 oz., \$2.80 1.00 . . . .

**Berlin Marker or Potsdam.** Dark Blue 1/64 oz., 1.25 .50 . . . .

Dark Crimson. . . . . 1/64 oz., 1.50 .50 . . . .

Rose. . . . . 1/64 oz., 1.35 .50 . . . .

Salmon Rose Shades. . . . . 1/64 oz., 1.50 .50 . . . .

White. . . . . 1/64 oz., 1.40 .50 . . . .

Blue with white eye. . . . . 1/64 oz., 2.25 1.00 . . . .

Red with white eye. . . . . 1/64 oz., 2.25 1.00 . . . .



**CINERARIA HYBRIDA**—Continued

Trade pkt. Oz.

Plenissima. Double mixed. Good for cutting. 500 seeds	\$0.50	....
Star Cineraria (Cineraria Hybrida Polyantha). Fine, small-flowering varieties, for cutting and decorative purposes. 3 ft. .... $\frac{1}{2}$ oz., \$1.40; 1000 seeds	.50	....
Feltham Beauty. Somewhat dwarfier than above, but with larger flowers and broader petals nearly all have white centers. $\frac{1}{2}$ oz., \$1.30; 1000 seeds	.50	....
Polyantha Steliata, Blue. Rich, dark blue, 2 ft. .... $\frac{1}{2}$ oz., \$2.60; 1000 seeds	.50	....
Salmon-Pink, a fine new shade. .... $\frac{1}{2}$ oz., \$2.00	.50	....
Cineraria Maritima Candidissima (Dusty Miller)....	.15	\$0.50
Maritima Diamond. Leaves pure white. ....	.15	.80

**Clarkia Elegans Fl. Pl.**

This is now much planted for cutting, both in and outdoors. If grown indoors, plants must be starved. Sow in January, grow on in flats or shallow raised bench. 2 ft.

Trade pkt. Oz.

Albatross. Pure white. ....	\$0.15	\$0.60
Appleblossom. A good rose-pink. ....	.15	.50
Brilliant. Double salmon. ....	.15	.50
Carmine Queen. Deep carmine. ....	.15	.60
Chieftain. Mauve. ....	.15	.60
Enchantress. Salmon-pink. ....	.15	.60
Firebrand. Copper scarlet. ....	.15	.60
Glorious. Crimson scarlet. ....	.15	.60
Illumination. Orange and rose. ....	.15	.60
La France. Pale salmon-pink. ....	.15	.60
May Blossom. Pure glowing rose. ....	.15	.60
Orange King. A good orange. ....	.15	.60
Purple Prince. Rich purple. ....	.15	.50
Queen Mary. Carmine. ....	.15	.60
Rosy Morn. Beautiful rose color, very double. ....	.15	.60
Ruby King. Rich ruby purple. ....	.15	.60
Salmonia Perfecta. True salmon, extra double. ....	.15	.60
Scarlet Queen. ....	.15	.60
White Prince. ....	.15	.60
Vaughan's Special Mixture. ....	.15	.80

<b>Cleome</b> Pungens (Giant Spider Plant). Light rose. ....	.10	.50
White Gigantea. ....	.15	.60
Lutea (Golden Cleome). Bright golden orange flowers. .... $\frac{1}{4}$ oz., 90c	.35	3.00
<b>Clanthus</b> + ÷ □ Dampieri (Glory Pea of Australia) dark red and black, 24 in. ....	.30	....
<b>Cobaea</b> Scandens. Purple. .... lb., \$4.80	.10	.45
<b>Cockscomb.</b> See Celosia.		

<b>Coleus</b> Glory. A mixture of bronze, pink, apricot shades, cream, etc. A remarkably fine strain; it is unequalled for the beautiful form and coloring of its large leaves. Sow seed January 1st for Memorial Day plants. ....	.75	....
Extra Choice, large-leaved, mixed. .... $\frac{1}{6}$ oz., 75c	.50	....
Frederici. 2 to 3 ft. The color of the flower is pure deep cornflower blue. Sown in April the plants will flower freely from October onwards. Seeds should be sown in moderate heat and for the final potting 8-inch pots are suitable. From October onwards an atmosphere of about 55 degrees will be necessary to produce the best results. Award of Merit R.H.S. ....	.50	....
Dwarf for pots. ....	.50	....
Large-leaved, Copper color, 20 in. ....	.50	....
Small-leaved, mixed. ....	.35	....
<b>Vaughan's Rainbow Mixture.</b> The above and others .... $\frac{1}{6}$ oz., \$1 00	.50	12.00

<b>Corn.</b> Ornamental Indian (squaw). Multi-colored kernels. lb., \$1.80	.10	.20
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<b>Collinsia</b> Salmon Beauty. Pure salmon-rose. 1 ft. ....	.25	1.80
<b>Convolvulus Major</b> (Morning Glory). Mixed, lb., 70c	....	.10
Crimson Rambler. ....	.10	.40
Mauritanicus. Fine trailing species. .... $\frac{1}{4}$ oz., 50c	.25	1.60
Dwarf Royal Ensign. Is deep bright ultramarine blue; the deepest and brightest color of all blue annuals. The plants are fairly covered with their attractive blossoms all summer. Use for edging and borders. ....	.50	....

<b>Coral Flower</b> □. An annual of jewel-like daintiness, vivid coloring and very decorative spoon-shaped thick leaves. Many stems growing some 30 inches tall and bearing, in loose alternate clusters, little five-pointed blossoms of luminous pink; then come airy long hanging capsules each like a bead of polished coral. Hundreds of them on each spire-like stem. Full sun, easy to grow, but seed waits until soil is warm before sprouting. ....	.50	....
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**Cordyline.** See Dracaena.**Coreopsis.** See Perennial Pages.**Cornflower.** See Centaurea Cyanus.**Cosmos**

Sensation Mixed. Very early giant flowered type. Plants grow 4 to 6 feet. Flowers are quite large, 4 to 6 inches across, with broad fluted petals which slightly overlap. Colors pink and white. For exhibition flowers, leave plants 3 to 4 ft. apart and disbud. .... $\frac{1}{4}$ oz., 25c	\$0.15	\$0.80
Pink Sensation. .... $\frac{1}{4}$ oz., 30c	.15	1.00
White Sensation. .... $\frac{1}{4}$ oz., 30c	.15	1.00
Early-Flowering Mammoth. White, Pink or Crimson, each .... lb., \$3.00	.10	.30
Mixed, all colors. .... lb., 2.60	.10	.30
Anemone-Flowered (Crested). Mixed. ....	.15	1.00
<b>Double Early-Flowering.</b> Pink, White or Red. They come about 75 percent double. .... $\frac{1}{4}$ oz., 50c	.25	1.80
Early Flowering. Mixed. .... $\frac{1}{4}$ oz., 50c	.25	1.60
Orange Flare. A tropical plant, it should not be sown outdoors until the ground is warm, and if started indoors, it should be given bottom heat of at least 70 degrees. Give it full sun in the garden. Cut flowers should be taken when newly opened. ....	.15	.60

<b>Cuphea</b> Platycentra (Cigar Plant). Russet orange, excellent for pots and borders, 1 ft. ....	.35	....
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<b>Firefly.</b> This is a semi-dwarf, compact growing annual about 12 inches in height. The flowers are freely produced, a deep rosy scarlet color, deepening to almost purple at the center. The plants flower in about five months. .... $\frac{1}{4}$ oz., \$1.00	.25	....
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<b>Avalon Hybrids.</b> Curiously attractive, irregularly fashioned blossoms in season-long profusion, the compactly foliaged plants seeming at a little distance to be covered with fluttering, bright-hued butterflies. There will be lavender, lilac, pure pink, rose-purple, crimson, fire-scarlet and vermillion, with all possible intermediate shades. An annual of easiest culture in any sunny place. Fine for bedding and border. .... $\frac{1}{8}$ oz., \$1.20	.50	....
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**Cyclamen—Persicum Giganteum**

250 seeds of one variety at 1000 rate, less than 250 seeds of one variety at 100 rate.

	100 Seeds	1000 Seeds
Bonfire. Brilliant salmon. ....	\$1.85	\$16.50
Bright Red. ....	1.40	12.00
Dark Blood-Red. ....	1.40	12.00
Lavender. ....	1.40	12.00
Morning Red (Sunrise). Light salmon, dark eye. ....	1.60	13.00
New Ruffled, Mixed. ....	2.20	20.50
Orange Beauty. Orange vermillion. ....	2.00	18.50
Pink Pearl. Salmon-pink. ....	2.00	18.50
Pure Rose. ....	1.40	12.00
Pure White. ....	1.40	12.00
Rococo Erecta, Mixed. Large fringed flowers. ....	1.75	14.50
Saffron Red. ....	1.65	14.50
Saffron Red, Silver Edge. ....	1.85	16.50
Salmon Scarlet (America Improved). ....	2.20	17.50
Salmon-Rose Improved. ....	1.65	14.50
Salmon Dark (Glory of Wandsbek or Pearl of Zehlendorf). ....	1.65	13.00
Salmon Light (Rose of Zehlendorf). ....	1.65	13.00
Soft Rose with Carmine Eye (Improved Rosa von Marienthal). ....	1.40	12.00
White with Carmine Eye. ....	1.40	12.00
White Crested. ....	1.75	14.50
Mixed. ....	1.40	12.00

**Double Cyclamen**

This strain comes about 80% true from seed.

Admiration. A beautiful salmon-rose with shaded eye.

Cerise Brilliant. A good Christmas color.

Prosperity. An azalea type, a flaming rose.

Rosea. A soft rose with a coral cast shading lighter at petal tips. Each of the above, 100 seeds, \$2.50; 250 seeds, \$5.75; 1000 seeds, \$20.00.

Double Mixed. The four above, 100 seeds, \$2.50; 250 seeds, \$5.75; 1000 seeds, \$20.00.



<b>Cynoglossum Blue Bird</b> (Improved Chinese Forget-me-not). A lovely plant 18 to 24 inches tall with flowers of a rich, bright blue. May be grown either outside or under glass. .... ¼ oz., 25c	Trade pkt. \$0.15	Oz. \$0.80
<b>Fairy Blue.</b> Deep ultramarine blue. ....	.15	.40
<b>Firmament.</b> A new dwarf type of the Chinese Forget-me-not. Fifteen to eighteen inches tall, bushy, of a rich blue color, a popular color in the garden. It can also be used as a cut flower. Does not grow weedy or rank. .... ¼ oz., 50c	.25	1.60
<b>Pink.</b> ....	.15	.60
<b>Cyperus Alternifolius</b> (Umbrella Plant) ... ¼ oz., 50	.25	1.80

**Dahlborg Daisy.** Something new and different in uniformly dwarf border annuals. The thrifty little plants grow about 8 inches high and a foot wide, and are quite covered with small yellow daisy-like flowers. Absolute uniformity and early and continuous flowering are two important points in their favor. ....

## Dahlia

### UNWIN'S DWARF HYBRIDS

(XXX Strain)

Seeds sown in March, plants will be in bloom by the end of June. Graceful semi-double flowers in a wide range of colors. If tubers are divided and potted in February (start in a cool house), they make fine plants for Mother's day. See outside back cover for illustration in color.

Trade pkt., 25c; ¼ oz., 60c; oz., \$2.00; 4 oz., \$6.00.

These are easily grown from seed and will bloom first year if sown early.

	Trade pkt.	Oz.
<b>Double Cactus-Flowered.</b> Extra choice mixed. ....	\$0.50	\$ 5.00
Selecta. An extra choice strain. ....		
Lilliput, Mixed (Pompon) ....		
Salbach's Selected Mixed. .... 100 seeds, 1.70		
Salbach's Choice Mixed. .... 100 seeds, .75		
<b>Single Coltness Hybrids, mixed, 1 ft.</b> ... ¼ oz., .40	.25	1.40
Scarlet. Bright scarlet. .... ¼ oz., .70	.25	2.40
Yellow. .... ¼ oz., .70	.25	2.40
Rose. .... ¼ oz., .80	.25	2.80
White. .... ¼ oz., .70	.25	2.40
<b>Unwin's Ideal Bedding.</b> Twisted petals, double and semi-double in many charming shades. ¼ oz., 60c	.25	2.00
<b>Zulu.</b> Dwarf double, dark leaved, mixed. ... ¼ oz., 60c	.25	2.00
<b>Vaughan's Special Double Mixed.</b> ....	.50	4.00

<b>Datura Fastuosa fl. pl.</b> Double mixed, 40 in. ....	.10	.40
Double White, 40 in. ....	.10	.50
Cornucopiae. White marbled with purple, 40 in. ....	.15	.60
Triple-flowered. Yellow (Golden Queen), 40 in. ....		

## Dianthus — Pinks

<b>Barbatus, see Sweet William</b> (Perennial Pages).	Trade pkt.	Oz.
<b>Double Chinese, mixed, 16 in.</b> ....	\$0.10	\$0.40
Tom Thumb. Brilliant scarlet, 6 in. ... ¼ oz., 70c	.25	2.40
<b>Heddewigii fl. pl.</b> Double Japan pink, choice mixed, 12 in. ....	.15	.50
Fireball. Double, brilliant dark scarlet. ¼ oz., 25c	.15	.80
Rosalind. Double rose. .... ¼ oz., 35c	.15	1.00
Single Japanese varieties. Choice mixed. ....	.10	.40
<b>Laciniatus Splendens.</b> The flowers are very large, over two inches across, in a brilliant shade of crimson, with a large boldly contrasting glistening white eye. 1 ft. .... ¼ oz., 25c	.15	.80
Salmonous. Single, salmony scarlet, 8 in. ....	.15	1.00
Fl. pl. Double salmon. ....	.15	1.00
Snowball. Double white. ....	.15	.80
Vaughan's Special Mixed, Double and Single Pinks	.15	.80
Vaughan's Special Mixture, Single Pinks. ....	.15	.80
Vaughan's Special Mixture, Double Pinks. ....	.15	.80

### Sweet Wivelsfield

A hardy annual of wonderful colorings. The flowers are larger than Sweet William and borne in trusses. This perpetual-flowering Dianthus has won wide popularity both as a cut flower of lasting quality and as a bedding plant.

<b>Single Mixed.</b> Trade pkt., 15c; ¼ oz., 25c; oz., 80c.
<b>Double Mixed.</b> Trade pkt., 25c; ¼ oz., 50c; oz., \$1.60.



DAHLIA Unwin's Dwarf Hybrids XXX Strain.  
A Splendid Pot Plant Item for Mother's Day.

	Trade pkt.	Oz.
<b>Didiscus Coeruleus, Lavender Lace Flower, blue, 2 ft.</b> ....	\$0.15	\$0.80

### Vaughan's Improved Wilt-Resistant Blue Lace Flower

An improved variety with flowers of a deeper blue and half again as large. Strong heavy stems, many measuring 18 inches from first joint, with well shaped flowers measuring 2½ to 3½ inches in diameter. Sown in August, planted in shallow benches (8 x 8") in October, it will bloom late in February, fully five weeks in advance of its regular flowering period. Not over Carnation temperature needed. Trade pkt., \$1.00; ½ oz., \$1.50; ¼ oz., \$2.75; oz., \$10.00.

<b>Digitalis, see Perennial Pages.</b>	Trade pkt.	Oz.
<b>Dimorphotheca Aurantiaca</b> (Orange Daisy). Glossy golden orange flowers, 12 in. ....	\$0.15	\$0.80
Aurantiaca New Hybrids. ....	.15	.80
Salmon Beauty. .... ¼ oz., 40c	.20	
Ecklonis. White, dark blue center. .... ¼ oz., 50c	.25	1.80
Sinuata Orange Glory. Improved orange. .... ¼ oz., \$1.00	.35	
Spectabilis has a single daisy-like bloom about two inches in diameter. The color is wine-red with a shining black center. Stems twelve to fourteen inches long are produced in abundance. A half hardy perennial that should be treated as an annual. .... ¼ oz., 60c	.25	2.20
<b>Dolichos Lignosus, Australian Pea Vine.</b> Purple. ....	.15	.60
<b>Dracaena Australis.</b> Broad-leaved. ....	.20	.90
Indivisa. Narrow-leaved. .... lb., \$4.00	.15	.40
<b>Dracocephalum Ruyschianum.</b> Dark blue, 1 ft. .... ¼ oz., 60c	.25	2.00

**Dusty Miller.** See Centaurea and Cineraria.

**Echeveria Carnicolor.** An attractive winter-flowering pot plant. The rosettes, about 4 inches across, produce many long lasting, brilliant vermilion to orange flowers which make a pleasing color effect together with the bluish green metallic coloring of the leaves. 100 seeds, 35c; 1000 seeds, \$2.80.

	Trade pkt.	Oz.
<b>Hen and Chicken.</b> De Smetiana. Silvery grey leaves, red flowers. 100 seeds, 25c; 1000 seeds, \$2.00		
<b>Metallica.</b> Leaves of purplish glaucous hue with large spikes of red flowers. .... 100 seeds, \$1.10; 1000 seeds, \$8.00		
<b>Retusa Hybrids.</b> The flower spikes, 16 to 21 inches high, with their bright orange to carmine red flowers, are very pretty above the grey-green foliage. Can be had in bloom from October to May. .... 100 seeds, 30c; 1000 seeds, \$2.50		
<b>Secunda Glauca.</b> Silvery grey leaves. .... 100 seeds, 25c; 1000 seeds, \$2.00		
<b>Mixed.</b> .... 100 seeds, 35c; 1000 seeds, 2.80		



<b>Echium Blue Bedder.</b> Dwarf rather compact plants about 1 ft. tall. Purplish blue flowers. Blooms in six weeks from sowing until frost. Good for cemetery use.....	Trade pkt. Oz.	
..... 1/4 oz., 25c	\$0.15	\$0.80
<b>Erysimum Perofskianum.</b> Orange, 2 ft.....	.10	.30

## Escholtzia

<b>Californica, Dwarf Erecta.</b> 1 ft.		
Ramona, golden bronze, coppery rose outside. A new compact flower, beautifully frilled and curled. 1/4 oz., 40c.....	.20	1.00
<b>Californica, Spreading Varieties.</b> 1 ft.		
Carmine King, deep carmine.....	.10	.40
Golden West, yellow-orange center.....lb., \$2.00	.10	.20
Mandarin, inside petals orange, outside scarlet.....	.10	.25
Mikado, orange-crimson.....		
<b>Double and Semi-Double.</b>		
Robert Gardiner, orange.....1/4 oz., 45c	.25	1.40
Pink.....		
<b>Monarch Art Shades.</b> Semi-double, and of exquisite formation, the colors range through light rose and carmine, and from deep golden yellow through all the varying tones to orange and scarlet. 1/4 oz., 45c	.25	1.40
Vaughan's Special Mixture.....	.15	.60
Hunnemannia (Bush Escholtzia). Yellow, 18 in.....	.15	.50
<b>Erythrina Crista-Galli (Coral Tree).</b> 3 ft.....		
.....100 seeds, \$3.20	...	...
<b>Euphorbia Heterophylla (Mexican Fire Plant).</b> 3 ft.	.15	.40
Variegata (Snow-on-the-Mountain). Foliage edged white and green, 2 ft.....lb., \$2.40	.10	.25
<b>Everlasting Flowers.</b> Annual. See Ammobium, Acroclineum, Helichrysum, Rhodanthe, Xeranthemum, Gomphrena and Statice.		
Perennials. See Echinops, Eryngium, Gypsophila, Lunaria, Ornamental Grasses, Phylisalis and Statice.		
<b>Exacum Affine.</b> Blue. Fine for pots and baskets. 6 in.....	.75	...
Affine Atro-Coeruleum. New. Dark blue.....		

## Fern Spores

Adiantum Cuneatum	Cyrtomium Rochfordianum com-
Adiantum Hybridum	pactum
Adiantum Hispidulum	Pteris albo-lineata
Adiantum Wrightii	Pteris serrulata
Cibotium Schiedeii	Pteris serrulata cristata
Aspidium tsussemense	Pteris tremula
Cyrtomium falcatum	Pteris Wilsonii
Cyrtomium Rochfordianum	Pteris Wimsettii
(Holly Fern)	Pteris Wimsettii multiceps
	Pteris Rivertoniana

Any of the above, per trade packet, \$1.00.

**Feverfew.** See Matricaria and Pyrethrum.

**Forget-Me-Not.** See Perennial Pages.

**Foxglove (Digitalis).** See Perennial Pages.

## Freelias

Sow seed in cold frame the middle of May, covering with sash for about three weeks or until plants are up, gradually removing sash so plants become accustomed to air.

<b>Freelias</b> Refracta Alba Pura. Pure white.....	Trade pkt. Oz.	
..... \$0.15	\$0.80	
<b>Rainbow Hybrids.</b> The colored Freelias.....	.25	1.40
<b>Hybrida Dalrymple Special Strain.</b> Large sweet-scented flowers borne on long stems, in blue, lavender and many shades of yellow		
.....100 seeds, 65c; 1000 seeds, \$5.00		
<b>Hybrida Tubergenii.</b> Richest shades, largest flowering hybrids.....1/4 oz., 70c	.35	2.40
<b>Gaillardia Picta.</b> Single mixed.....	.10	.25
Amblyodon. Blood red.....	.15	.80
<b>Indian Chief.</b> Throughout the summer and until late fall the plants are covered with attractive flowers of deep coppery scarlet, the bronzy red color is accentuated by a dark brown center. The plants are of the bedding type, as it makes dense bushy plants that grow about 12 in. tall.		
Lorenziana. Double mixed, 20 in.....	.10	.40
Free flowering annual varieties that are useful for cutting.		

<b>Garden Heliotrope.</b> See Valeriana, Perennial Pages.	Trade pkt. Oz.	
<b>Gazania Longiscapa.</b> Yellow with brown ring. ....		
Splendens Hybrida Grandiflora. Mixed.....		
<b>Geranium.</b> Apple-scented.....		
.....100 seeds, 25c; 1000 seeds, \$1.80		
Zonale. Single, extra large-flowering, mixed, choice. ....	1/4 oz., 80c	\$0.35
<b>Lady Washington.</b> .....		
.....100 seeds, \$2.40; 1000 seeds, \$20.00		
<b>Gesneria Robusta Perfecta Hybrids.</b> A fine pot plant. It belongs to same class as the Gloxinias and needs same culture in greenhouse.....	1.00	....
<b>Gilia Capitata.</b> Blue (Blue Thimble Flower). Fine feathery foliage; attractive ball-shaped flowers, 1 in. in diameter, 2 ft.....lb., \$2.00	.10	\$0.20
<b>Coronopifolia.</b> See Ipomopsis.		
<b>Globe Amaranth (Gomphrena).</b> Fine everlasting that can be used for fresh cut flowers and winter bouquets. Mixed.....	.10	.25
Globosa Alba.....	.10	.25
Rubra.....lb. \$2.40	.10	.25
<b>Nana Compacta Rubra.</b> Dwarf for pots, and edging 6 in.....	.15	.50
<b>Orange (Haageana).</b> Flower looks like a ripe strawberry; a fine everlasting.....	.15	.60

## Gloxinia Hybrida

Vaughan's Columbian Mixture. This is made up by ourselves from the choicest spotted, tigered, edged, marbled and splashed sorts of the upright and horizontal type, and we know that better seed is not to be had at any rate. Trade pkt. (about 1,000 seeds), \$1.00; 1/2 oz., \$4.00.

### Vaughan's "Beacon"

Flowers rich dark red. The plants produce from 50 to 70 flowers, and this is only possible with a strain producing many flowering side growths. A fully grown plant makes about three dozen leaves and if one or more leaves are broken, they may be cut off without deforming the plant. Flexible leaves make for easier wrapping and packing. 1,000 seeds, \$1.00; 1/4 oz., \$2.00.

<b>Danube.</b> White with broad blue margin. 1/4 oz., \$2.00	1.00	....
<b>Emperor Frederick.</b> Scarlet, white edge. 1/4 oz., 1.80	1.00	
<b>Emperor William.</b> Dark blue, bordered white.....	1/4 oz., 1.80	1.00
.....1/4 oz., 1.80	1.00	
<b>Othello.</b> Purple.....1/4 oz., 1.80	1.00	
<b>Scarlet Queen.</b> Deep scarlet.....1/4 oz., 1.80	1.00	
<b>Snow Queen.</b> .....1/4 oz., 1.80	1.00	
<b>Wandsbeker Blut.</b> Black red, passing to deep carmine.....1/4 oz., \$1.80	1.00	
<b>Waterloo.</b> Black red, passing to deep carmine.....	1/4 oz., 3.00	1.00
<b>Gigantea, Mixed</b> .....1/4 oz., 1.80	1.00	

## Godetia

Plant in rather poor soil. They thrive in cool weather under moist conditions. Treat these as suggested for Clarkia.

### Tall Double Grandiflora

<b>Gladiolus-like flowers in long trusses; excellent for cutting, 2 ft.</b>	Trade pkt. Oz.	
Carmine; Mauve; Rose; Rosy Morn, deep rose; White.....Each,	\$0.15	\$0.60
Mixed.....	.10	.50
<b>Upright Single.</b>		
Duchess of Albany. Satiny pure white. 16 in.....	.15	.50
Duke of York. Rich scarlet on white. 16 in. lb., \$6.00	.15	.60
Kelvedon Glory. Glowing salmon-orange. 1/4 oz., 40c	.25	....
Orange Glory. Fiery orange-erise.....1/4 oz., 50c	.25	1.80
Sybil Sherwood. Bright salmon-pink softened by indefinite edging of white. 16 in.....	.15	.80
Sybil Sherwood Double.....1/4 oz., 50c	.25	1.60
<b>Dwarf Compact Single.</b>		
Gloriosa. Darkest glowing red. 10 in.....	.15	.50
Thunderbolt. Deep crimson, frilled petals. 1 ft.....	.15	.90
<b>Dwarf Double Azalea Flowered.</b>		
Sweet Heart. Pink overlaid cream. 12 in. 1/4 oz., 50c	.25	1.60
Maiden's Blush. Pink; for pots. 15 in.....	.15	.90
Tall Sorts Mixed.....	.15	.50
Dwarf Sorts Mixed.....	.10	.40





ORNAMENTAL GOURDS

## Ornamental Gourds

The interest that is being shown in gourds as decorative material suggests another item to add to the florist's list of merchandise.

Cultural directions and instructions how to prepare the fruit free for the asking.

### SMALL FRUITED

	Trade pkt.	Oz.
Apple-shaped.....	lb., \$2.00	\$0.10 \$0.20
Apple, Striped.....		
Bottle, Miniature.....	.10	.20
Flat Striped. Green and white stripes.....	.10	.25
Japanese Nest Egg. Practical nest eggs.....	.10	.30
Orange. The well known Mock Orange.....	.10	.25
Ornamental Pomegranate or Queen's Sweet Pocket Melon. Fruit deliciously perfumed and may be carried in the pocket or laid among linens.....	.10	.50
Pear Bicolor. Two-colored.....	.10	.30
Pear-Shaped. Striped yellow and green.....	.10	.30
Pear-Shaped. White.....	.10	.20
Spoon. Small ball-shaped fruit with slender neck, deep orange. By slicing off a side a satisfactory spoon is made.....	lb., \$3.40	.10 .30
Turk's Turban. Intermediate size red and green.....	.10	.30
Warted Sorts Mixed.....	lb., 3.00	.10 .30
Small Fruited Varieties Mixed.....	lb., 2.20	.10 .25

### LARGE FRUITED

Acorn. Large ornamental yellow.....	.10	.20
Bird's Nest.....	.10	.20
Bishop's Mitre. Three colored, shaped like Bishop's Crown.....		
Bottle. Large. The original Thermos bottle. Makes fine bird house.....	.10	.20
Calabash or Pipe Gourd. Odd-shaped fruit which is used in making pipes.....	.10	.20
Crown of Thorns, also known as Finger Gourd, Holy Gourd, Gourd of the Ten Commandments and Sugar Bowl. Ten prongs extend from the ridges or angles, standing free from the front part of the fruit. Some or all the prongs or fingers may bear a furrow or valley down the back and two points at the apex. The fingers are hollow when inside pulp or fiber dries away. The shell is hard and durable, as in other yellow-flowered gourds. Base of the gourd, about the stem, shows the ten customary main grooves. It is white or ivory-white.....	.15	.50
Dipper. Fruit makes an excellent dipper and may be used for bird house.....	.10	.20
Dishcloth or Towel. Luffa Acutangula known as Singkwa. The fruit is eaten when young, being cooked like squash. Many women prefer a dishcloth made of this Gourd.....	.10	.20
Hercules' Club. Fruit grows 3 to 4 ft. long.....	.10	.20
Malabar Melon. Green striped fruits 8 to 10 in. long.....	.10	.20

GOURDS—Large Fruited Center.

Trade pkt. Oz.

Sugar Trough. Thick shells, very durable.....	\$0.10	\$0.20
Large-Fruited Sorts. Mixed.....	.10	.20

Vaughan's Special Mixture. All shapes and sizes of these interesting fruits so fashionable for ornaments, bird houses, and utensils, are included in this mixture... lb., \$3.20; oz., 30c; trade pkt., 10c.

## Grasses Ornamental

Trade pkt. Oz.

Agrostis Nebulosa. Cloud grass. A low grass with extremely delicate feathery panicles. ... ¼ oz., 45c	\$0.20	\$1.40
Briza Maxima. Graceful panicles which tremble in the slightest breeze. 12 to 18 inches.....	.10	.30
Briza Gracillima Minor. Dwarf form of the above.....	.15	.50
Bromus Brizaeformis. Large drooping heads. 2 ft.....	.10	.25
Coix Lachrymae. Corn Beads, Job's Tears.....	lb., \$1.40	.15
Lagurus Ovatus. Hare's-tail Grass. 1 ft.....	.15	.80
Pennisetum Longistylum. Has a broad spike 2 to 4 inches long, and feathery, white plumes used to border canna beds.....	.15	.80
Rueppelianum. The purple spikes are longer and more graceful than preceding variety.....	.15	.80
Tricholaena Rosea. Cultivated for the ornamental heads, which are used in winter bouquets.....	.15	....
Ornamental Grasses. Tall Mixed.....	.10	.40

Grevillea Robusta (Silk Oak). Excellent fern-like foliage plant for combination pots and baskets for fall and winter. Sow in early spring. Well grown single specimens make fine pot plants

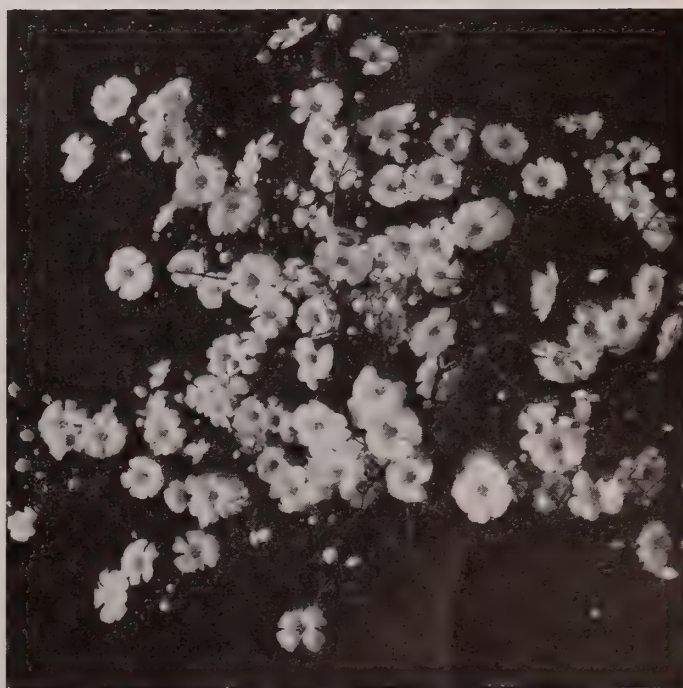
.....	lb., \$8.00	.15	.80
Robusta Pyramidalis. Pyramidal habit.....	¼ oz., 75c	.25	....

## Gypsophila

Elegans Grandiflora Alba, Vaughan's Select Florist

Strain. This stock has an average of eight petals, size is about a half inch per floret and, although there are very slight pale green rays on the flowers, they are not at all noticeable. It is extremely free blooming, somewhat more so than the ordinary strain, and the height is about the same as the other strain. The petals are considerably broader than other stocks, making the flowers nice and round, without the usual cartwheel effect. About 10% will be the smaller flowered type....

.....	¼ lb., 75c; lb., \$2.40	....	.25
Elegans Carminea. Deep rose.....	lb., 2.20	.10	.25
Crimson.....	lb., 2.40	.10	.25
Muralis. Dwarf, pink, 6 in.....		.15	.60



GYPSOPHILA Elegans Grand. Alba. Vaughan's Select Florist Strain.



	Trade pkt.	Oz.
<b>Hebenstretia Comosa.</b> 18 in. Produces spikes which bear innumerable quaint white flowers with orange-scarlet blotches set close together, giving the impression of tall Mignonette plants. In the evening the flowers exhale a delicious perfume, making them particularly valuable for planting near the windows of a house. The elegant habit and delicate coloring render this plant an ideal subject for summer bedding. .... ¼ oz., 65c	\$0.25	....
<b>Helianthus Chrysanthemum Flowered Extra Dwarf Select.</b> ....	.15	\$0.40
<b>Helichrysum Monstrosum Fl. Pl. (Strawflower).</b>		
Canary Yellow      Rose Queen      Silvery Pink		
Fireball          Salmon Queen      Violet Queen		
Golden Ball      Silver Ball		
Each of the above. .... lb., \$5.00	.15	.50
Vaughan's Special Mixture. .... lb., 5.00	.15	.50
Double Dwarf Mixed. 1½ ft. ....	.15	.60
<b>Heliotrope.</b> Will bloom from seed in four months.		
Dark Varieties. Mixed. .... ¼ oz., 50c	.25	1.80
Mammoth Flowered. Mixed. .... ¼ oz., 50c	.25	1.60
King of the Blacks. .... ¼ oz., 60c	.25	....
Madam Bruant. Violet-blue, white eye. ¼ oz., 60c	.25	....
Madam Lederle. Giant-flowered dark blue. ¼ oz., 60c	.35	....
Queen Marguerite. Dark blue. ....	.35	....
White Lady. Pure white. ....	.35	....
<b>Helipterum Sandfordi.</b> Attractive bunch-flowered everlasting. Chrome yellow, 12 in. ....	.15	.80
<b>Honesty.</b> See <i>Lunaria Biennis</i> .		
<b>Hunemannia Fumariaefolia (Bush Escholtzia).</b>		
Does well in greenhouse; grow cool, 18 in. ....	.15	.50
<b>Sunlite.</b> Double bright canary-colored flowers. Grey-green foliage, 2 ft. .... ¼ oz., 40c	.25	1.40
<b>Ice Plant.</b> See <i>Mesembryanthemum</i> .		

### IMPATIENS

These Impatiens will make splendid pot plants for Christmas and are useful for porch boxes, northern exposure.

<b>Impatiens Holstii.</b> Vermilion, very fine. .... 500 seeds,	.50	....
Holstii. New Hybrids, extra choice. .... 500 seeds,	.50	....
Dusky Monarch. New. Blood-red .... 500 seeds,	.50	....
Liegnitzia. Deep vermilion red, free-blooming, splendid for beds and pots; requires half shade. .... 500 seeds,	.50	....
Sultani. Bright rose. .... ¼ oz., \$1.80; 1000 seeds, 85c; 500 seeds,	.50	....
Queen Carola. Chamois. .... 500 seeds,	1.00	....
Hybrids Mixed. .... 1000 seeds, 85c; 500 seeds,	.50	....
Sultani Dwarf Scarlet. .... 500 seeds,	1.00	....
Dwarf Hybrids Mixed. .... 500 seeds,	.50	....
Pink Butterfly (Glanduligera). The growth is sub-tropically luxuriant, attaining a height of 5 to 7 feet. Free branching. Flowers large with wide lips; color is a really delightful clear, warm pink with just a suspicion of salmon. .... 250 seeds,	.50	....
<b>Ionopsidium Acaule (Diamond Flower).</b> Pale lilac.	.25	....
<b>Ipomoea. Bona Nox (Evening Glory), large, blue.</b> .... lb., \$2.00	.10	.20
Imperialis Japanese Giant Mixed. ....	.15	.50
Japanese Super Giant Mixed. ....	.50	....
<b>New Giant Cornell.</b> The flowers, as large as Heavenly Blue, are an intense carnelian red with pure white border, reproducing the colors of Cornell University. Growth is rapid and flowers come early, when vine is two feet tall, increasing in number until killing frosts arrive. .... ¼ oz., 35c	.25	1.00
Noctiflora (Moonflower). White seeded. .... lb., \$3.20	.10	.30
<b>Clark's Early-Flowering Heavenly-Blue.</b> The improved clear blue early-flowering strain. Fine pot plant item. Sow in 4-inch pots and stake. Flowers when about 2 ft. high (6 weeks) and finds excellent retail appeal. .... lb., \$6.40	.15	.60
Improved Early-Flowering. Heavenly Blue. More intense blue. .... lb., \$6.40	.15	.60
Purple. Interesting large flowers rich velvety purple, covers the vines all summer. .... ¼ oz., 50c	.25	1.60
<b>Scarlett O'Hara Early Selection.</b> Flowers are a carnelian red, sometimes called carmine, self color about 3½ inches across. Stays open longer than other sorts. Foliage is quite distinct, each leaf having one large and two small side lobes. .... ¼ oz., 50c	.25	1.50
Scarlett O'Hara. Regular strain. .... lb. \$7.00	.20	.80
Setosa (Brazilian Morning Glory). Red. ....	.10	.30

	Trade pkt.	Oz.
<b>Ipomopsis Elegans.</b> Mixed. Very leafy, the divisions being needle-like, about one inch long. The flowers are 1½ inches long, trumpet shape, borne along the side of the summit of the stem. The colors include vermilion, salmon, apricot, rich pinks and pure yellow. .... ¼ oz., 45c	\$0.25	\$1.40
Coronipolia Scarlet. Same as above except flowers are scarlet. .... ¼ oz., 50c	.25	....
<b>Isoloma Hirsutum Multiflorum Hybridum.</b> The flowers are produced in abundance and in various colors and color combinations. Seed sown in January or February will bloom in June or July, and will continue to flower until winter. ....	1.00	....
<b>Jasione Humilis.</b> Pretty blue heads, 1½ ft. ....	.35	....
<b>Kalanchoe Globulifera.</b> Var. Coccinea (Blossfeldiana). 12 inches. Bright scarlet flowers. Very choice pot plant. .... 1500 seeds	.60	....
Blossfeldiana Compacta. The flower stalks form one compact mass of brilliant scarlet umbels just above the foliage. The common type generally produces rather long flower stalks of different heights, whilst this new type is of very even height and has the ideal compact pot-plant habit. A single plant will produce 50 to 60 flower stalks if grown properly. .... 500 seeds, \$1.00; 1000 seeds, \$1.80	....	....
<b>Kochia Childsii (Summer Cypress)</b> ....	....	.15
<b>Kudzu Vine.</b> See <i>Pueraria Thunbergiana</i> in Perennial Pages.		
<b>Lace Verbena.</b> See <i>Zaluzianskya</i> . .... ¼ oz., \$1.40	.35	....
<b>Lantana Hybrida.</b> Mixed. Sow early and give bottom heat. ....	.15	.80

### Annual Larkspur

For outdoor blooming start in flats in the house, shift into 2-inch pots and plant in April or so via the open as soon as ground is ready. To get satisfactory germination from Larkspurs in the hot weather, it is necessary to chill the seeds in an ice box for several days before sowing. Larkspurs must be grown cool. For a greenhouse crop in May, sow in January or February.

Annual Larkspur bought in the wholesale market was suspended in a cool, airy spot where it was allowed to dry for 60 days. When taken out it had not shattered and the color upheld.

### GIANT DOUBLE IMPERIAL—4 ft.

This type is the most desirable for outdoor growing. A new race of annual Larkspur of upright growth, branching from the base of plant, producing more and longer flower stems for cutting:

<b>Blue Bell.</b> Fine medium blue,	<b>Gloria Improved.</b> Rich, deep rose-salmon.
<b>Blue Cockade.</b> Rich lilac-blue.	<b>Lilac Spire.</b> Beautiful lilac color.
<b>Blue Spire.</b> Dark blue.	<b>Los Angeles.</b> Improved Salmony scarlet.
<b>Carmine King.</b>	<b>Miss California.</b> Deep pink on salmon.
<b>Coral King.</b> Blush pink with suffusion of coral.	<b>White King.</b> Pure white, rounded petals.
<b>Daintiness.</b> Delicate lavender.	
<b>Dazzler.</b> Rich scarlet.	
<b>Exquisite Pink Improved.</b> Salmon-pink.	

	Trade pkt.	Oz.
Each of the above ¼ oz., 35c; ½ oz., 50c; lb., \$9.00	\$0.25	\$0.90
Vaughan's Special Mixed Giant Imperial, all colors. .... lb., \$8.00	.20	.80
Montrose. The color is a clear rose-pink. The florets are exceptionally large, well and closely set on wiry spikes that are 3 to 4 feet long. .... ¼ oz., 40c	.25	1.20
Pink Perfection. Lively light pink, large double florets, excellent upright habit. .... ¼ oz., 40c	.25	1.20
Rosalind. Rose with just enough suffusion of salmon to create a most pleasing new shade of rose-pink. .... ¼ oz., 40c	.25	1.20
Sweet Lavender. Lavender. .... ¼ oz., 40c	.25	1.20

### DOUBLE STOCK-FLOWERED—4 ft.

Dark Blue	<u>Rosamond.</u> Pure rose which
Empress Rose. Hermosa pink	docs not fade
Lilac Supreme. Deep lilac	Rose Queen. Deep rose-pink
La France. Salmon-pink	Sky-Blue (Ageratum)
Newport Pink (Lustrous Carmine)	White
Each of the above.....lb.,	Trade pkt. Oz.
	\$5.00 \$0.20 \$0.50
Vaughan's Special Mixed Stock Flowered..lb.,	5.00 .15 .50



## LARKSPUR—Continued

**IMPROVED GIANT HYACINTH-FLOWERED — 45 in.**

Blooms much earlier than other tall Larkspurs. Non-branching, each plant produces one big Hyacinth-like spike, broad at the base and tapering toward the top, thickly studded with perfect double blooms to a length of 18 to 20 inches.

	Dark Blue	Lilac	White	Purple	Trade pkt.	Oz.
Each of the above.....	lb.,	\$8.00	\$0.25	\$0.80		
Mixed Improved Giant Hyacinth Fld....	lb.,	6.00	.15	.60		

**Lathyrus Latifolius.** See Perennial Pages.

**Lavatera Alba Splendens**, 30 in. .... .15 .50  
 Splendens Loveliness (Sunset). Glowing rose-pink flowers, bronze foliage. .... .15 .50

**Lavender Lace Flower.** See *Didiscus coeruleus*.

**Lemon Verbena** (*Aloysia Citriodora*). .... .15 .60

**Leptosiphon.** French hybrids, 10 in. .... .15 .60

**Leptosyne Maritima.** Yellow, 24 in. .... .15 .60

**Stillmanii.** Golden yellow, fine for cutting, blooms six weeks after sowing, 18 in. .... .15 .80  
 Golden Rosette. A double form of *Stillmanii* with deep butter-yellow flowers. Very free flowering. .... .25 ....

**Leucocoryne Ixioides** (Glory of the Sun). Large, fragrant flowers, blue with white center, charming for cutting. .... 1/8 oz., \$1.50 .75 10.00

**Leucanthemum.** See *Chrysanthemum Maximum* in Perennials.

**Lilium.** See Perennial Pages.

## Lobelia

**Erinus Crystal Palace Compacta.** 4 in. Deep blue, dark foliage. .... 1/4 oz., 50c .25 1.80

**Compacta Blue Gown.** Clear deep blue, without eye, fine compact habit. .... 1/4 oz., 80c .25 2.60

**Blue Stone Reselected.** Compact habit, large flowers, brilliant mid-blue. .... 1/4 oz., 70c .25 ....

**Opal.** Rich opal blue, large flowered, compact habit. .... 1/8 oz., 40c .25 ....

**Mrs. Clibran.** Deep blue, white eye. .... 1/4 oz., 70c .25 2.40

**Speciosa.** Dark flowers and foliage, 10 in. .... 1/4 oz., 30c .15 1.00

**Emperor William.** Dwarf, gentian-blue, light foliage. .... 1/4 oz., 45c .25 1.50

**Pumila Splendens, Bedding Queen.** Dark blue, white eye, dwarf, 4 in. .... 1/4 oz., 85c .35 3.00

**Alba, Snowball.** 4 in. .... 1/4 oz., 80c .25 2.80

**Rosea Pink.** 4 in. .... .25 ....

**Sutton's Cambridge Blue.** Light blue with green foliage. .... 1/4 oz., 85c .35 ....

**Dwarf Sorts, Mixed.** .... 1/4 oz., 60c .25 2.00

**Prima Donna.** Velvety maroon, 10 in. .... .25 ....

**Pendula** (for hanging baskets) **Angelina.** Pure white large flowers. .... 1/4 oz., 75c .35 ....

**Hamburgia.** Sky-blue, white eye, dark foliage. .... 1/4 oz., \$1.00 .35 3.60

**Miranda,** bright rosy purple, clear white eye. .... .35 ....

**Sapphire.** Large deep navy-blue with white eye. .... .50 ....

## Lupinus

Free-flowering, easily grown annuals, with long, graceful spikes of rich and various colored pea-shaped flowers; valuable for cutting to follow "mums" or sweet peas as a "catch crop."

	Trade pkt.	Oz.
<b>Hartwegii.</b> Dark Blue, Oxford-Blue. 24 in. ....	lb., \$3.00	\$0.10 \$0.30
Light Blue, Cambridge-Blue. ....	lb., 3.00	.10 .30
White. ....	lb., 3.00	.10 .30
Rose Queen. Rose-pink, semi-dwarf. ....	lb., 4.00	.15 .40
Mixed. ....	lb., 2.20	.10 .20

**Hartwegii Giants or King Lupinus.** This improved giant strain is over a foot taller than the ordinary strain, reaching a height of 3 or 4 feet. There are five or six long basal branched spikes to each plant, bearing closely placed giant blooms.

	King Dark Blue	King White	King Sky Blue	King Mixed	Trade pkt.	Oz.
Each of the above.....	lb.,	\$5.00	.15	.50		
King Heliotrope. ....			.20	.80		
Subcarneus (Texas Blue Bonnet). 12 in. ....	lb.,	2.00	.10	.20		
Sulphureus Superbus. Annual Yellow. Takes well on the Chicago market. 28 in. ....	lb.,	\$5.00	.15	.50		

	Trade pkt.	Oz.
<b>Linaria Maroccana Excelsior</b> , mixed, 12 in. ....	\$0.10	\$0.30
<b>Fairy Bouquet.</b> Compact growth, large flowers in many distinct colors. Blooms early. Flowers resemble miniature Snapdragons. 8 in. ....	1/4 oz., 40c	.15 1.20
<b>Lisianthus Russellianus</b> ( <i>Eustoma</i> ). An excellent pot plant with rich violet blue flowers with black center and yellow stamens. Sow heat in Spring, keep fairly moist during Summer. Blooms in four months from seed. Upright and compact free flowering habit. 1 1/2 ft. ....	1/8 oz., 90c	.50 ....
<b>Lophospermum Scandens</b> , Climbing Foxglove. Rose. ....	.25	....

# Marigold

If Blooms are Required for Exhibition, not more than four branches should be allowed on each plant, and only one bloom on each branch.

## MARIGOLD WITH ODORLESS FOLIAGE

**Burpee Gold—Carnation Flowered**

**Crown of Gold—Collarette**

**Golden Glow**

## TALL AFRICAN DOUBLE IMBRICATED

**Guinea Gold.** Orange flushed gold, producing many medium sized flowers. 2 1/2 ft. .... 4 oz., \$4.00; 1/4 oz., 40c .20 \$1.20

**Yellow Supreme.** Broad, loose-frilled petals, rich creamy yellow, honey fragrance. 2 ft. .... .4 oz., \$4.00; 1/4 oz., 40c .20 1.40

## TALL AFRICAN DOUBLE FISTULOSA, 3 ft.

An especially fine tall branching strain, bearing enormous flowers of the quilled type.

**Lemon Queen, Los Angeles Florist Strain.** All double. .... .4 oz., \$5.00; 1/4 oz., 50c .25 1.60

**Prince of Orange, Los Angeles Florist Strain.** All double. .... .4 oz., \$5.00; 1/4 oz., 50c .25 1.60

**Mixed All Double Los Angeles Florist Strain.** .... 1/4 oz., 40c .25 1.40

**Golden Measure.** Large flowers orange flushed gold, blooming freely on fine branching plants. 1/4 oz., 40c .15 1.20

## OTHER TALL VARIETIES

**Burpee Gold.** Another Marigold minus the disagreeable odor. Beautiful carnation-like form, attractive habit, uniformity of color and blooming time, fully double. Flowers are an even rich deep orange color, 3 1/2 in. across. .... 1/4 oz., 40c .20 1.40

**Red and Gold Hybrids.** They grow 2 1/2 to 3 in. across. Some are solid red; others are delightful combinations of red and gold. .... 1/4 oz., \$1.00 .50 ....

**California Giants Mixed.** This is an enormous flowering type, height 4 to 5 feet. The color ranges from a lemon to a bright orange with many shadings in between; the flowers are all 4 to 6 inches across. .... 1/4 oz., 50c .25 1.60

**Carnation Flowered Golden Eagle.** In color between Guinea Gold and Yellow Supreme, which it resembles in height and habit of plant. A most desirable variety for outdoor cutting. .... 1/4 oz., 40c .20 1.20

**Carnation Flowered Orange Supreme.** .... 1/4 oz., 50c .25 1.80

**Chrysanthemum Flowered Hybrids.** A mixture of many types, in shades of orange, yellow and primrose. .... 1/4 oz., 45c .20 1.40

**Chrysanthemum Flowered Incurved** (*American Beauty*). Mixed. .... 1/4 oz., 60c .25 2.00

**Golden Orange** .... .25 ....

**Orange** .... 1/4 oz., 60c .25 2.00

**Golden Glow.** Somewhat resemble in color and appearance the *Rudbeckia Golden Glow*. Petals are straight, sharply pointed and rather flat. Blooms about 2 1/2 inches across and borne in clusters, odorless foliage. .... 1/4 oz., 45c .20 1.40

**Goldsmith.** Giant *Chrysanthemum* Flowered golden orange, base branching and with good stems for cutting. Extra large Dixie sunshine type of full double flowers; early and free blooming, on strong bushy plants from 2 to 4 ft. in uniform height. Bronze medal All America award 1941. .... 1/4 oz., \$1.00 .35 3.20

**Limelight.** A pale primrose-yellow or deep cream, in the Dixie Sunshine or incurved *Chrysanthemum* flowered type. Early and free flowering. Not odorless. 1 1/2-2 1/2 inches in diameter. 20 in. .... .25 ....



**MARIGOLD Other Tall Varieties—Continued.**

Trade pkt. Oz.

Early Sunshine. Flowers resemble small Chrysanthemums with their curled and interlaced florets, but they are considerably larger, growing 2½ inches across and 1½ inches deep, and best of all, they are extremely early. Bright lemon-yellow flowers most profuse. Ideal for cutting.....	¼ oz., 45c	\$0.20	\$1.40
Vaughan's Marigold Treasure Chest. 2½ to 3 ft. Remarkable for its wide color range and extremely high percentage of fully double flowers. Colors run from the deepest orange through varying and unusual tones of golden orange, golden, golden yellow, lemon-yellow, buff-yellow to lightest primrose. Flowers are of many shapes, some ball, some Chrysanthemum-like but mostly of the Carnation and Peony-flowered forms. They are large, many 5 in. across, with the average somewhat over 4 in. Some begin to bloom early, some midseason and others late, which makes for a long flowering season.....	¼ oz., 55c	.25	1.80
Collarette Crown of Gold, orange, 2½-inch flowers, crested center, broad guard petals, odorless foliage.....	¼ oz., 30c	.15	.80
Sunset Giants. Huge flowers with a color range through orange-yellow and primrose.....	¼ oz., 50c	.25	1.60
Sunset Orange.....	¼ oz., 50c	.25	1.60
Mrs. Lippincott. Petals are folded for more than half their length and flare out broadly at the ends, giving a pretty frilled effect. Plants grow 3 ft. tall, well branched and covered with attractive rich creamy yellow flowers 2½ in. across.....	¼ oz., 40c	.20	1.40
Vaughan's Special Mixture Tall African Double Mixed.....	¼ oz., 50c	.25	1.40

**DOUBLE TALL FRENCH, 2½ ft.**

Royal Scot. Gold striped maroon.....	¼ oz., 40c	.20	1.40
Vaughan's Special Mixture Double Tall French.....		.10	.40

**SINGLE TALL FRENCH**

Flaming Fire. Improved Josephine. The long stemmed, brightly colored large single flowers, 2 in. across, vary in color at different seasons. At times they are flaming red, at other times red and yellow. Plants are much branched, 2½ ft. tall, come in bloom in about 12 week for greenhouse, for winter flowering or for outside culture.....	¼ oz., 50c	.25	1.60
Ferdinand. In single flowered with a neat round, crested center of dainty tubular forest in an arresting shade of golden yellow, surrounded by a single row of broad, mahogany-red guard petals. The flowers are 1½ to 1¾ inches in diameter.....		.35	.....
Lieb's Winter-Flowering. Mahogany-brown with golden yellow-crested center, 4½ ft. ....	¼ oz., 60c	.35	2.00
Lieb's Winter-Flowering Sunshine. Golden orange, yellow center.....	¼ oz., 60c	.35	2.00

**DOUBLE DWARF FRENCH, 1 ft.**

All Double Royal Scot Striped.....	¼ oz., 50c	.25	1.40
Early Harmony.....	¼ oz., 50c	.25	1.40
Early Orange Ball.....	¼ oz., 50c	.25	1.40
Early Primrose.....	¼ oz., 50c	.25	1.40
Early Flowering Mixed.....	¼ oz., 50c	.25	1.40
Dark Brown.....		.10	.40
Electric Light. Double form of Legion of Honor.....		.10	.40
Lemon Ball. Yellow.....		.15	.50
Robert Beist. Dark maroon.....		.15	.50
Monarch Strain Mixed. Symmetrical, compact habit, comprising a wide range of fine colors, including orange-brown and mahogany.....		.15	.60
Golden Ball. Extra large double flowers, very dwarf habit.....		.15	.60
Harmony. Flowers are a bright golden yellow with a rich maroon-red border. The plants, being about 12 inches high and of very bushy habit, can be utilized for cutting.....	2 oz., \$1.40; ¼ oz., 25c	.15	.80
Golden Harmony. Each flower is of the quilled scabious type and has a single row of broad guard petals on the outer edge. The color is a luminous golden yellow. 11 in. ....	¼ oz., 50c	.25	1.80
Harmony Spotlight. Rich yellow bordered mahogany red, 1¾ in.; very early flowering. 100% all double.....	¼ oz., 35c	.20	1.00
Harmony Hybrids. Bright yellows with blotches and stripes with crested centers.....	¼ oz., 40c	.25	1.50

**MARIGOLD DOUBLE DWARF FRENCH—Continued.**

Trade pkt. Oz.

Scarlet Glow. A dwarf French double of a distinct bright bronzy red color; 1¾ to 2 inches across. Some flowers show russet and gold, but as a whole it is probably the largest and brightest red double French sort. Compact bushy growth of about 12 inches and a fair bloomer. Honorable mention All America Award, 1941.....	¼ oz., 85c	\$0.35	\$2.80
Spry. Extra dwarf, double French type; compact and uniform, so may be used for edging. About 9 inches tall, early blooming, with very light orange crested center and maroon outer petals. Brighter than Dwarf Harmony and profuse flowering. Silver Medal Award All America 1941.....		.50	.....

**DOUBLE DWARF AFRICAN**

Floribunda Orange. Same large flower and rich color as Guinea Gold, 12 to 15 in. tall.....	¼ oz., 35c	.15	1.00
Floribunda Mixed. Same valuable dwarf free-flowering habit as above, but a mixture. Predominant y orange with some gold and intermediate shades.....	¼ oz., 35c	.15	1.00
Tom Thumb Golden Crown. This is a dwarf form of the well known Guinea Gold. Plants grow only 10 in. high with bright golden yellow flowers, flushed with orange. An outstanding variety.....	¼ oz., 50c	.20	1.40

**LILLIPUT DOUBLE DWARF, 8 in.**

Yellow Pygmy. Light lemon-yellow, growing only 8 in. tall and compact. Small, 1¼-in. blooms, rather free and exciting for edging beds.....		.20	1.00
Mixed.....		.15	.60

**SINGLE DWARF FRENCH, 1 ft.**

Fire Cross. Saffron orange with a brown-red center..		.10	.40
Legion of Honor (Little Brownie).....		.10	.40
Mixed.....		.10	.40
Wildfire. 14 to 20 in. Cross between African and French Marigolds. Flowers 2 to 3 in. across in full range of colors found in the French type; vary in shape and markings. Will bloom within eight weeks from time seed is sown and flower until frost.....		.35	.....

**MEXICAN MARIGOLD. For Pots and Edging.**

Gnome. Absolutely uniform in growth and color. Plants grow only 4 to 6 in. high with a spread of 8 to 10 inches; the slender fern-like foliage is fairly covered with dainty golden orange flowers. ¼ oz., 30c		.15	1.00
Marvel of Peru. Mixed.....	1 lb., \$1.00	...	.15
Matthiola Bicornis (Evening Scented Stock). 18 in.		.10	.20
Maurandia. Mixed. Good climber.....		.25	.....
Barclayana. Blue. Does well in porch boxes on north side of house.....		.25	.....
Mesembryanthemum Aurantiacum.....		100 seeds 75c; 1000 seeds, \$6.00	...
Criniflorum (Livingstone Daisy). The plants are literally covered with one inch flowers of the most delightful shades imaginable. Need full sun and lots of water.....	¼ oz., 60c	.25	2.20
Crystallinum (Ice Plant). Foliage glitters, being covered with ice-like globules, flowers small, pinkish white. For dry sandy spots. 6 in. ....		.10	.40
Tricolor, mixed.....	¼ oz., 40c	.15	1.40

**Mignonette**

Bismarck, good for pots.....	¼ oz., 35c	.15	1.00
True Machet, Vaughan's Selected Stock. ¼ oz., 25c		.15	.80
Goliath. Red, fine.....		.15	.80
Golden Goliath. Immense golden yellow spikes.....		.15	.80
New York Market. Special greenhouse grown. A choice selection for greenhouse culture.....		1.00	.....
Mimosa Pudica (Sensitive Plant).....		.15	.40
Mimulus Moschatus (Musk Plant).....		.25	.....
Tigrinus. Mixed Single Monkey Flower. ¼ oz., 50c		.15	.....
Large-Flowering. Single, mixed.....	¼ oz., 75c	.25	.....
Red Emperor. Bright crimson scarlet.....		.25	.....
Musa Ensete.....		.....	.....
Nagelia Hybrida Mixed. These are similar to the Gesneria, requiring the same treatment. 12 in. Large leaved, with multitude of small tubular flowers in scarlet and cerise.....		1.00	.....



# Nasturtium

## DOUBLE TALL FRAGRANT VARIETIES

	Oz.	¼ lb.	Lb.
Caprice. Primrose and salmon-cerise blotched, streaked or mottled in various degrees, often changing considerably in different flowers on the same plant.....	\$0.25	\$0.80	.....
Golden Gleam. Semi-double, yellow.....	.10	.30	\$1.00
Fire Gleam. Vivid orange scarlet.....	.10	.30	1.00
Indian Chief. Foliage dark green, vivid scarlet flowers.....	.30	1.00	.....
Mahogany. Large, double, sweet-scented, dark mahogany-red flowers.....	.15	.40	1.40
Orange Gleam. Orange.....	.15	.40	.....
Salmon Gleam. Golden salmon.....	.15	.30	1.00
Scarlet Gleam. Bright orange-scarlet, fragrant...	.10	.30	1.00
Supreme. Salmon-cerise.....	.15	.30	1.00
Glorious Gleam Hybrids. Wonderful range of color in double and semi-double flowers....	.10	.30	1.00

## DOUBLE DWARF FRAGRANT VARIETIES

Delightful. Soft salmon-cerise, the upper petals prettily marked crimson-maroon.....	.25	.80	.....
Garnet Gem. Deep, garnet-red with just enough orange to enliven it with an iridescent glow.....	.25	.....	.....
Golden Globe. Yellow.....	.10	.30	1.00
Globe of Fire. Scarlet.....	.15	.40	1.40
Mahogany Gem. Velvety, brilliant flowers are rich deep mahogany.....	.25	.80	.....
Orange Glory. The large, sweet-scented flowers are bright orange; base of each of the upper petals and most of the inside of the throat are painted with deep garnet-brown.	\$0.25	.80	.....
Primrose Gem. Sweet-scented soft primrose-colored flowers.....	.25	.80	.....
Ruby Gem. Large double, sweet-scented, bright ruby colored flowers.....	.15	.40	.....
Gem Mixed.....	.10	.30	1.00

## DWARF SINGLE SORTS

Any of the following, oz., 10c, except where noted.

	¼ lb.	Lb.
Empress of India. Deep crimson, dark-leaved.....	\$0.25	\$0.80
Golden King. Rich color.....	.25	.80
King Theodore. Rich red, dark bluish foliage.....	.25	.80
Vaughan's Special Dwarf Mixture. Contains a percentage of double flowers.....	5 lbs., \$4.00	.30 1.00
Dwarf Nasturtiums. Mixed, all colors.....	5 lbs., 2.50	... .60

## TALL SORTS

Vaughan's Special Tall Mixture. Our mixture contains a liberal amount of Gleam Hybrids.....	oz., 15c	.45 1.40
Tall Sorts in Finest Mixture.....	10 lbs., \$4.00	... .50

Nemesia Strumosa Suttoni. Orange. 12 in. ¼ oz., 70c.....	.25	.....
Strumosa Suttoni. 12 in. Scarlet.....	¼ oz., 70c	.25
Blue.....	¼ oz., 70c	.25
Rose.....	¼ oz., 70c	.25
White.....	¼ oz., 70c	.25
Mixed.....	¼ oz., 50c	.25 1.80
Nana Compacta Aurora. Crimson and white. 8 in. ¼ oz., 85c.....	.25	.....
Brightness. Brilliant cherry-red.....	.35	.....
Blue Gem. Blue. 8 in.....	¼ oz., 80c	.25 2.80
Edelweiss (White Gem). 8 in.....	.35	.....
Fire King. Scarlet. 8 in.....	¼ oz., 90c	.25 3.00
Orange King. Orange. 8 in.....	¼ oz., 90c	.25 3.00
White Queen. Large flowered.....	¼ oz., 90c	.25
Triumph. Mixed.....	¼ oz., 60c	.25 2.00

These dwarf Nemesias are fine for pots and combinations.

	Trade pkt.	Oz.
Nicotiana Affinis. White, sweet-scented, 32 in.....	\$0.10	\$0.40
Affinis Hybrids. Mixed colors. 32 in.....	.10	.40
Crimson Bedder. Rich deep crimson.....	¼ oz., 50c	.25 1.60
Nana. Crimson Flame.....	.35	.....
Sanderae. Crimson King. 30 in.....	.10	.50
Hybrids. Mixed. 30 in.....	.10	.50
Suaveolens (Orange blossom). An elegant, small-flowered pure white species, delightfully scented, which makes a fine pot plant.....	⅙ oz., 60c	.25
Sylvestris. Very beautiful, sweet, pure white, 5 ft..	.15	.50

	Trade pkt.	Oz.
Nierembergia Frutescens. Lilac.....	\$0.25	.....
Gracilis. Light blue. 16 in.....	⅙ oz., 50c	.25
Hippomanica. Coerulea. Grows not more than 4 to 6 inches high, forms a cushion of light green foliage covered with flowers of a delicate lavender hue, 1 to 1¼ inches across; clear yellow eye. Outstanding pot and bedding item.....	⅓ oz., \$1.50; ⅙ oz., \$2.75	.50
Nigella Damascena. Miss Jekyll. Dark blue. 18 in...	.10	\$0.20
Hispanica. Dragon Fly. Rich dark blue.....	.15	.60
Nolana. Blue Ensign. Native Chilean Bellflower. In pots it will grow 12 to 15 inches high; outdoors it spreads a little and throws up large ultra-marine-blue flowers on stems 5 or 6 inches high. In shape these resemble an Ipomoea, enhanced by the large pure white center. Sow outdoors in May where the plants are to bloom. Fragrant.....	¼ oz., 75c	.35
Nycteria Capensis. White, sweet-scented. 1 ft. ....	¼ oz., 40c	.15
Oxalis Tropaeoloides. Yellow, brown foliage, 3 in...	.25	.....
Rosea. Very fine, 6 in.....	.50	.....
Valdiviana (Golden Cloth). Yellow, sweet. 6 in....	.25	.....
Passiflora Coerulea (Passion Flower). Blue.....	.25	.....
Pennisetum Ruppelianum (Purple Feather Grass). 36 in. Excellent ornamental grass.....	.15	.80
Longistylum, 18 in.....	.15	.80

# Pansies

## GIANT SWISS SEPARATE SORTS

	Trade pkt.	¼ Oz.	Oz.
Swiss Alpenglow. Rich wine-red shades.....	⅙ oz., \$1.00	\$0.50	\$1.75 \$6.00
Swiss Black Monarch. Blackish blue with dainty clear blue markings.....	⅙ oz., \$1.00	.50	1.80 6.00
Swiss Berna. Dark violet-blue.....	⅙ oz., \$1.00	.50	1.80 6.00
Swiss Blue (Ullswater. Thuner Sea). The most distinct rich deep ultramarine blue with darker blotches. Ideal for cemetery planting.....	⅙ oz., \$1.20	.50	2.25 8.00
Swiss Coronation Gold. Flowers canary-yellow with lower petals flushed golden orange, round flowers as much as 3 in. across, with slightly ruffled edges. This is the best pure yellow pansy.....	.....	.....	.....
Swiss Luna. Soft sulphur yellow, round substantial flower with frilled edge. A delicate and lovely color, varies.....	⅙ oz., \$1.25	.50	.....
Swiss Ophir. Blotched golden yellow.....	.50	.....	.....
Swiss Pure White. Very free-blooming, large, well shaped flower. The best pure white Pansy.....	⅙ oz., \$1.20	.50	2.20 8.00
Swiss Pure Yellow.....	⅙ oz., \$1.00	.50	..... 6.00
Swiss Rhinegold. Canary-yellow with dark blotches.....	⅙ oz., \$1.00	.50	1.80 6.00

## PANSIES—SEPARATE SORTS

	Trade pkt.	¼ Oz.	Oz.
Adonis. Light blue, white center.....	\$0.25	\$0.60	\$2.00
Apollo. Bronze.....	.25	.70	2.40
Beaconsfield. Deep purple, upper petals white.....	.25	.60	2.20
Black. Large flowered, true black.....	.25	.70	2.40
Blue Boy (Early Flowering). Clear, pure silvery lilac.....	.....	.....	.....
Bugnot. Shades of red, bronze and cardinal..	.35	.90	3.20
Rembrandt. Compact habit of plant, long stemmed, five blotched, vivid bronze-orange.....	.....	.....	.....
Cardinal. Brilliant red.....	.....	.....	.....
Delft Blue. Porcelain-blue.....	⅙ oz., \$1.20	.50	2.20 8.00
Emperor William. Dark navy-blue.....	.25	.70	2.40
Fanal. Scarlet without an eye.....	⅙ oz., \$1.20	.35	2.20 8.00
Fire Beacon. Very unusual shade, bright wallflower red with a touch of orange ⅙ oz., \$1.25	.50	2.20	8.00
Golden Queen. Yellow without blotches....	.25	.65	2.20
Madame Perret. Shades of pink and rose..	.25	.60	2.00
Prince Henry. Darkest blue.....	.25	.70	2.40
Purple. Very large, rich deep purple.....	.25	.60	2.20
White with Dark Eye. Very large.....	.25	.60	2.20
White, Pure. Without blotches.....	.25	.70	2.40
Yellow with Black Eye.....	.25	.60	2.20





PANSY VAUGHAN'S IMPROVED SWISS GIANT MIXTURE

## Pansies—Continued.

Pansies have long been a favorite with us. We introduced the Swiss Giants to American gardens and named and introduced the lovely Canadian variety, Maple Leaf, several years ago.

Each year we make extensive tests of all pansies in our greenhouses in Western Springs (this year we used two houses exclusively for them). The plants are checked for trueness of color and type and the mixtures for balance of color harmony. Next spring make a note to come out and see them during March and April.

**How to Sow Pansy Seeds.** Sow the seeds in a cold frame in light soil without any fertilizer. Cover the seeds very lightly with the same soil and keep moist. Shade the seed bed with cheesecloth or a muslin screen, and as soon as all the plants are up remove the screen. Or you may sow them in a large pot or seed pan.

To be sure of fine, strong Pansy plants, we suggest the following, applied as a top-dressing by the end of March or early April.

2 parts dried blood.	2 parts steamed bone meal.	1 part potash
Trade pkt. Oz.	Trade pkt. Oz.	Trade pkt. Oz.

### GIANT MIXTURES

#### VAUGHAN'S IMPROVED SWISS GIANT MIXTURE

The flowers of this strain are of enormous size, 3 inches and over in diameter. They are perfectly round with overlapping petals, borne on strong stalks well above the remarkably luxuriant foliage. Thick petals, of a rich velvety texture, give this strain of pansy the required substance so necessary to a perfect pansy.

The superb colors and color combinations—salmons, yellows, pinks, rich reds and blues, are their distinctive feature. Excellent for greenhouse culture. Trade pkt., 50c;  $\frac{1}{8}$  oz., \$1.20;  $\frac{1}{4}$  oz., \$2.20; oz., \$8.00; 2 oz., \$15.00.

#### VAUGHAN'S SUPER SWISS GIANT MIXTURE

We have made a special mixture from three or four growers' stocks. Many of the flowers are five blotched. All the vivid colors of the type are represented in their enormous size and wavy and crinkly flowers. See inside front cover for illustration in color. Trade pkt., 75c;  $\frac{1}{8}$  oz., \$1.40;  $\frac{1}{4}$  oz., \$2.50;  $\frac{1}{2}$  oz., \$4.40; oz., \$8.00.

#### SWISS DWARF MIXED

For those who desire a dwarfier plant than the original type, we have had our grower make this selection. The colors are the same as in the original strain but the plant itself is considerably shorter. Trade pkt., 50c;  $\frac{1}{8}$  oz., \$1.00;  $\frac{1}{4}$  oz., \$1.80; oz., \$6.00.

#### VAUGHAN'S MAPLE LEAF GIANT MIXED

A distinct variety we introduced several years ago, having very large leaves and flowers of gigantic size, 4 to 5 inches across, perfectly round, of heavy substance in many attractive colors and color combinations. Trade pkt., 50c;  $\frac{1}{8}$  oz., \$1.00;  $\frac{1}{4}$  oz., \$1.80; oz., \$6.00.

#### VAUGHAN'S SUPER MAPLE LEAF MIXTURE "CANADIAN GIANTS"

This strain is even finer than the above, with flowers of unbelievable size and texture, larger than in any other strain, the plants are also of compact growth and the extra large foliage is a rich, dark green. Trade pkt., 75c;  $\frac{1}{8}$  oz., \$1.50;  $\frac{1}{4}$  oz., \$2.65; oz., \$10.00.

#### VAUGHAN'S GIANT MIXTURE

Besides a good share of the "Fancy" strains such as Masterpiece, Swiss Giant, etc., this mixture contains all the self colors such as white, yellow, blue, purple, red, bronze, etc., and is probably the best "general" high grade mixture obtainable. All the flowers are of the "Giant" type. Trade pkt., 50c;  $\frac{1}{4}$  oz., \$1.25; oz., \$4.00.

#### VAUGHAN'S INTERNATIONAL MIXTURE

This is a mixture of special strains such as Bugnot, Masterpiece, Swiss Giants, Triumph of the Giants, Boulogne Giants—all 3- and 5-spotted flowers of largest size and great substance in the most varied colors and color combinations. Since this mixture contains but very few self colors, such as white, blue and yellow, these should be ordered separately if desired. Trade pkt., 50c;  $\frac{1}{8}$  oz., \$1.00;  $\frac{1}{4}$  oz., \$1.80; oz., \$6.00.

#### GENEVA GIANT MIXED

A special selection of Swiss Giants. The seed we supply is from the originator in Geneva, Switzerland. Trade pkt., \$1.00;  $\frac{1}{8}$  oz., \$2.50;  $\frac{1}{4}$  oz., \$4.75; oz., \$18.00.

Geneva Giant Mixed. Grown from originator's stock seed. A very fine strain. Trade pkt., \$1.00;  $\frac{1}{8}$  oz., \$1.40; 4 oz., \$30.00; oz., \$10.00.

#### VAUGHAN'S DWARF SUPER SWISS MIXED

Special selection of Geneva Giants of dwarf habit. Rich assortment of colors. Trade pkt., 50c;  $\frac{1}{8}$  oz., \$1.20; oz., \$8.00.

**America, Ideal Bedding or Basket Pansy (Improved Donovan).** Good substance with wide color range. Free-flowering. Trade pkt., 50c;  $\frac{1}{4}$  oz., \$1.80; oz., \$6.00; 4 oz., \$22.00.

**Boulogne Giant Mixture.** The flowers are of large size, great substance. Trade pkt., 50c;  $\frac{1}{8}$  oz., \$1.40;  $\frac{1}{4}$  oz., \$2.60.

**Early Flowering, Mixed.** Trade pkt., 25c;  $\frac{1}{4}$  oz., 60c; oz., \$2.00.

**Engelmann's Special Mixture.** Scottish show type, immense flowers, bronze and reddish shades, compact and early flowering. Trade pkt., 50c;  $\frac{1}{8}$  oz., \$1.20;  $\frac{1}{4}$  oz., \$2.25; oz., \$8.00.

**Engelmann's Giant Mixture.** Dark and light shades, huge flowers, compact and early flowering. Trade pkt., 50c;  $\frac{1}{8}$  oz., \$1.20;  $\frac{1}{4}$  oz., \$2.25; oz., \$8.00.

**Orchid-Flowered Eldorado Art Shades.** A lovely type, including only pretty tints and combinations of cream, primrose, pale mauve and other delicate shades, the well formed flowers being exquisitely frilled. These delicate shades should not be mixed with stronger colors. Trade pkt., 35c;  $\frac{1}{4}$  oz., \$1.20; oz., \$4.00.

**Jumbo Mixed.** Extra large and early; long stemmed flowers. Trade pkt., 50c;  $\frac{1}{16}$  oz., \$1.00;  $\frac{1}{8}$  oz., \$1.75;  $\frac{1}{4}$  oz., \$3.25; oz., \$12.00.

**Masterpiece—Giant Curled.** The colors are superb, mostly red and brown shades. Trade pkt., 35c;  $\frac{1}{4}$  oz., \$1.25; oz., \$4.00.

**True Scotch Show Mixture.** Fancy mixture in excellent range of colors, including carmine, ruby and brown, all beautifully blotched, with flat substantial flowers. Short habit, large leaves. Trade pkt., 50c;  $\frac{1}{4}$  oz., \$1.80; oz., \$6.00.

#### Vaughan's Long Stemmed Winter-Flowering Reselected Mixed.

This strain is the result of a great amount of individual plant selection work and represents the finest strain of Long Stemmed Pansies that we have ever seen. It has a much wider color range than other Winter-Flowering strains and has an excellent stem length, averaging better than 10 in. The bloom size is from 2½ to 3 in. and the flowers are of very good substance and sweet scented. Sow in summer for Midwinter blooming and give support early. See illustration in color on inside front cover page taken in our greenhouses at Western Springs. Trade pkt., \$1.00;  $\frac{1}{8}$  oz., \$2.00;  $\frac{1}{4}$  oz., \$3.65.

**Phacelia Campanularia.** Gentian-blue, white anthers. Trade pkt. Oz.  
6 in. .... \$0.15 \$0.60

**Pheasant's Eye Pink.** See *Dianthus Plumarius* in Perennial Pages.

**Perilla Nankinensis.** Valuable foliage plant resembling Coleus; dark mulberry-colored leaves; does well in cities; smoke and gas do not affect it. .... .10 .40



# Petunias—Complete List for Bedding and Pots

## DWARF CALIFORNIA GIANTS IMPROVED

(Vaughan Blend)

This is the best strain of giant-flowered Petunias in existence for pot culture and bedding. The plants are bushy, grow about 12 inches high and produce their immense flowers freely and in a wonderful variety of colors. This "Vaughan Blend" is a mixture of seeds from two of Europe's best Petunia growers, whose cultures we have inspected many times.

1/2 Trade pkt., 75c; Trade pkt., \$1.25; 1/4 oz., \$2.25; 1/32 oz., \$4.00; 1/8 oz., \$13.00.

**Dwarf California Giants. Dark Selection.** This is a favorite with many growers and it has given universal satisfaction.

1/2 Trade pkt., 60c; Trade pkt., \$1.00; 1/32 oz., \$3.00; 1/16 oz., \$5.60; 1/8 oz., \$10.00.

**Dwarf Giants of California. Ramona Strain, Dark and Light Shades.** A dwarf sturdy growing type especially suited to pot culture. Flowers are beautifully ruffled and fringed with open well marked throats.

1/2 Trade pkt., 60c; Trade pkt., \$1.00; 1/4 oz., \$1.75; 1/32 oz., \$2.75; 1/16 oz., \$5.00.

**Dwarf Giant Flowered Eriksson's Private Stock.** Seed from the originator. 1/32 oz., \$4.00; Trade pkt., \$1.25.

## RUFFLED GIANTS WITH LARGE-VEINED THROATS

The flowers in this section measure from 5 to 7 inches across.

Trade pkt. Oz.

White. With yellow throat.....	1/64 oz., \$1.20	\$0.50	....
Camilla. A beautiful, rose-pink color; rich crimson veining forms a wide halo toward the center.....	1/64 oz., \$1.20	.50	....
Copper-Red. Dark-throated.....	1/64 oz., 1.25	.50	....
Copper Rose.....	1/64 oz., 1.25	.50	....
German Empress. Lilac veined purple.....	1/64 oz., 1.25	.50	....
★ Giants of California. Mixed. This is a most superb mixture, not at all to be compared with the seed usually offered. 1/64 oz., \$1.00; 1/32 oz., \$1.80; 1/16 oz., \$3.00; 1/8 oz., \$11.00.....	1/4 oz., \$11.00	.50	....
Princess of Wuerttemberg. Rose.....	1/64 oz., 1.20	.50	....
Prince of Wuerttemberg. Rich dark red with dark throat.....	1/64 oz., \$1.20	.50	....
Salmon Beauty (Marylyn). A unique color, much admired by women.....	1/32 oz., \$2.80; 1/64 oz., \$1.50	.75	....
Supreme Florist strain of Giants of California. A strain of rose and pink shades with large ruffled, shallow, open throated flowers freely produced on strong growing plants. 1/32 oz., \$2.40; 1/16 oz., \$4.70; 1/8 oz., \$9.00.....	1/8 oz., \$9.00	.50	....
Ruffled Monsters in mixture.....	1/64 oz., \$1.00; 1/32 oz., \$1.80; 1/8 oz., 6.60	.50	....

## LARGE SINGLE FRINGED

(Flowers 3 to 4 inches across)

Coerulea, Sky blue.....		.50	....
Columbia (The Art). Pleasingly attractive pink and white. Base-branching habit gives excellent 18 in. stems for cut flower work.....	1/32 oz., \$2.80; 1/64 oz., \$1.50	.50	....
Dainty Lady. The plants are neat, compact, semi-dwarf and free flowering, bearing generous quantities of medium sized, delicately fringed dark cream colored flowers.....	1/32 oz., \$2.50	.50	....
Fluffy Ruffles. A very choice strain, finely fringed and ruffled; mixed colors. Ours is the best of 3 strains in competition.....	1/32 oz., \$1.25; 1/16 oz., \$2.00	.50	....
Golden Jubilee. It has finely fringed and delicately crinkled petals of bright carmine, tinged with scarlet, with a golden throat with light bronze colored markings. Flowers are 3 1/2 in. in diameter and the plants very free blooming. 1/16 oz., \$5.40; 1/64 oz., \$1.50	1/64 oz., \$1.50	.50	....
Rapture. Orchid rose, deep rose veins, golden throat.....	1/32 oz., \$1.25	.50	....

## LARGE SINGLE FRINGED—Continued.

Trade pkt. Oz.

Giant Rose Beauty. Habit quite distinct; the branches extending laterally from the base about eight inches and then curving upwards producing a round bowl. Flowers are large and ruffled measuring 4 in. or better when in full bloom with a medium large deep golden throat.....	1/64 oz., \$1.00	\$0.50	....
Romany Lass. Coppery crimson, dark throat.....	1/64 oz., \$1.25	.50	....
Royal Beauty (Marine). The most beautiful of all blue Petunias.....	1/64 oz., \$1.40; 1/32 oz., \$2.50	.50	....
Scarlet Beauty. Bright scarlet. Good sized, well fringed beautiful flower.....		.50	....
Theodosia. Large flowered, fringed, rosy pink with a clearly defined, golden throat. A very choice strain much better than the average.....	1/64 oz., \$1.20	.50	....
White Beauty. White fringed. 1/16 oz. \$2.50; 1/64 oz., 75c	1/64 oz., 75c	.50	....

## LARGE SINGLE PLAIN EDGED

(Flowers 3 to 4 inches across)

Blue Beauty. A new large-flowering Petunia of clear, deep blue. Flowers of extra large size on plants of vigorous growth. Extremely free flowering.....	1/64 oz., \$1.25	.50	....
Burgundy. Large-flowered, 3 1/2-inch blooms, shades of purple or carmine with white throat and tube with violet veins.....	1/32 oz., \$1.00	.35	....
Dwarf Elk's Pride. Velvety violet. Customers will find our strain vastly superior to quality usually offered. It is really "re-selected".....	1/64 oz., \$1.00; 1/32 oz., \$1.75; 1/16 oz., \$3.00	.50	....
Dwarf Pink Glory. Compact habit, pure flame rose-pink.....	1/32 oz., \$1.80	.50	....
Giant Pink Glory. Larger and somewhat taller than the above.....	1/32 oz., \$1.20	.50	....
Giant Flaming Velvet. Vivid velvety blood-red comes 100% true.....	1/32 oz., \$1.20	.50	....
Giant Blue Star. Probably the best blue starred Petunia in large flowering group. Gigantic in size and regularly white starred on rich velvety violet-blue ground. The growth is strong and the blooms are abundant. When the plants have past their prime or if insufficiently fertilized, like other star colored Petunia, the marking becomes less conspicuous....		.75	....
Purple Robe (Silver Seam). Silver edge blue-black. A deep velvety violet, enhanced by a fine silver line, appearing at the edge of the flower. We discovered a choice strain with a European grower. 1/64 oz., \$1.30	1/64 oz., \$1.30	.50	....
Queen of the Market. Deep carmine red with a scarlet hue. Flowers fine shape and slightly waved. The nearest to a scarlet Petunia.....	1/64 oz., \$1.80	.50	....
Velvet Ball. The same deep velvety crimson color as were the best plants in the variety Flaming Velvet, which latter sort has proved so popular.....	1/32 oz., \$1.80; 1/8 oz., \$4.00	.50	....
Violet Queen.....	1/32 oz., \$2.50	.50	....
Snow Storm. Flowers are the purest white and the uniformity of the dwarf compact growth is marvelous. We think this is one of the best large-flowered single white.....	1/32 oz., \$3.00; 1/64 oz., \$1.75	.75	....

## LARGE-FLOWERING DWARF (Erfurt strain)

Gaiety. Plants are bushy, 8 to 12 in. high, and are covered with large, daintily fringed rose and white blooms.....	1/64 oz., \$1.20; 1/32 oz., \$2.00	\$0.50	....
Gottfried Michaelis. Dwarf, 12 in. daintily fringed, bright amaranth red with dark throat. 1/32 oz., \$1.80	1/32 oz., \$1.80	.50	....
Lace Veil. 12 in. White flowers 2 1/2 in. across.....	1/64 oz., \$1.40; 1/32 oz., \$2.50	.50	....
Setting Sun. 12 in. Compact bushes, brilliant rose-pink. The very best of its color. 1/64 oz., \$1.50; 1/32 oz., \$2.50	1/32 oz., \$2.50	.50	\$60.00
Silver Lilac. On plants 10 inches tall of compact habit the bright silvery lilac blue flowers appear. These are as large as 3 1/2 inches across with fringed edges and are without veining making them a clear silvery lilac tone.....		.75	....

**Vaughan's Best Mixture.** Large-flowering single sorts. This mixture is made up by ourselves from all the best single Petunias, both fringed and plain-edged, and will give the most satisfactory results. Trade pkt., 50c; 1/32 oz., \$1.50; 1/16 oz., \$2.80; oz., \$42.00.



## Petunias—LARGE-FLOWERING DWARF—Continued

White Cloud. 12 in. A great favorite on account of its dwarf compact habit.	Trade pkt. Oz.
..... 1/32 oz., \$1.50; 1/16 oz., \$2.65; 1/8 oz., \$5.00	\$0.50 ....
Dwarf Grandiflora Ruffled Mixed. The above and others. This is fine for combinations.	1/32 oz., \$1.50 .35 ....

### BALCONY PETUNIAS

The strong branching growth makes this type especially suitable for window or porch boxes and hanging baskets. Trade pkt. Oz.

Black Prince. A wonderful bedding variety, color of deep rich velvety red. Free bloomer. Similar to Flaming Velvet, but richer in color and approximately 100% true.	1/8 oz., \$1.00; 1/4 oz., \$1.70	\$0.35 ....
Queen (Blue Star). Blue and white.	1/32 oz., \$1.20	.50 ....
Blue. Velvety violet blue.	1/8 oz., 80c; 1/4 oz., \$1.50	.35 ....
Carmine King.	1/8 oz., \$1.00	.35 ....
Cornflower Blue (Blue Wonder). Several shades lighter than the regular Balcony Blue.	1/8 oz., 80c	.35 ....
Copper Rose. A beautiful warm color, free bloomer.		.50 ....
Rosy Morn. This beautiful color, which for a quarter century or more has maintained its popularity in the Nana Compact class, is now available in the Balcony type. We think the contrasting colors of pink with a white throat are even more beautiful in this new form.	1/8 oz., 90c; 1/4 oz., \$1.50	.35 ....
Rose.	1/4 oz., 80c	.25 ....
Star of California. Violet shaded crimson, white blotches.	1/8 oz., 90c	.35 ....
White.	1/4 oz., 70c	.25 ....
Balcony Mixed, the above.	1/4 oz., \$1.20	.35 ....

## Double Petunias

### ALL-DOUBLE VARIETIES

We offer Originator's seed only.

All-Double Petunias sown in January or February will make 3-4 in. fine pot plants for May sales.

### PETUNIA BLUE BROCADE—ALL DOUBLE

Judges in the All-America trials for 1941 announce the award of a SILVER MEDAL (1941 highest award) to this brand-new color in the famous All-Double strain. It is a rich, velvety violet-blue, almost 100 per cent double. The flowers are of a uniform color, of good size, late in flowering season, and produced abundantly on dwarf bushy plants about 10 inches high. Extra-choice variety for pot plants. See illustration on outside back cover. 1/2 Trade pkt., \$1.25; 1 Trade pkt., \$2.00.

3000 seeds for \$5.00 on any combination of varieties of 1000 seed pkts., except Blue Brocade.

All-Double Amaranth Red. 500 seeds, \$1.25; 1000 seeds, \$2.00; 3000 seeds, \$5.00; 1/128 oz., \$3.50; 1/64 oz., \$6.50; 1/32 oz., \$12.50.

All-Double Appleblossom (Daintiness). Soft salmon-pink flowers. 500 seeds, \$1.25; 1000 seeds, \$2.00; 3000 seeds, \$5.00.

All-Double Dwarf Giant Fringed Pure White (Snowball). 500 seeds, \$1.25; 1000 seeds, \$2.00; 3000 seeds, \$5.00; 1/128 oz., \$3.50.

All-Double Deep Velvety Purple. New, true rich purple velvet-like texture. Dwarf bushy plant. 500 seeds, \$1.25; 1000 seeds, \$2.00; 3000 seeds, \$5.00; 1/128 oz., \$3.50; 1/64 oz., \$6.50; 1/32 oz., \$12.50.

All-Double Dwarf Carmine Glory. Brilliant carmine flowers (Mammoth Peony-flowered). 500 seeds, \$1.25; 1000 seeds, \$2.00; 3000 seeds, \$5.00; 1/128 oz., \$3.50; 1/64 oz., \$6.50; 1/32 oz., \$12.50; 1/16 oz., \$22.50.

All-Double Dwarf Giant Fringed Loveliness. Clear pink. Very double compact habit. 500 seeds, \$1.25; 1000 seeds, \$2.00; 3000 seeds, \$5.00; 1/128 oz., \$3.50; 1/64 oz., \$6.50.

All-Double Orchid Beauty. Dwarf Giant Fringed variety, averaging about 4 in. across on sturdy plants a foot tall. Color orchid or light lilac, heavily veined deeper lilac or violet. Contains semi-doubles but mostly fully double. 500 seeds, \$1.25; 1000 seeds, \$2.00; 3000 seeds, \$5.00; 1/128 oz., \$3.50; 1/64 oz., \$6.50.

All-Double Gaiety. Rose-red and white with beautifully frilled petals. Flowers three and one-half inches across. 500 seeds, \$1.25; 1000 seeds, \$2.00; 3000 seeds, \$5.00; 1/128 oz., \$3.50; 1/64 oz., \$6.50.

All-Double Dwarf Rose-Carmine (World Beauty). Fringed bright carmine flowers. 500 seeds, \$1.25; 1000 seeds, \$2.00; 3000 seeds, \$5.00; 1/128 oz., \$3.50; 1/64 oz., \$6.50.

All-Double Dwarf Giant Fringed Mixed (Victorious) (Vaughan's Formula Mixture). The flowers are very large, exquisitely ruffled and fringed. Our mixture is made up entirely of separate colors. 500 seeds, \$1.25; 1000 seeds, \$2.00; 3000 seeds, \$5.00; 1/64 oz., \$6.50; 1/32 oz., \$12.50; 1/16 oz., \$23.00.



PETUNIA ALL-DOUBLE TYPE

### PLEASE NOTE:

Highly bred double petunia seed is not as vigorous in growth as is that of single strains. To some extent this lack of vigor extends to the seed. Seed of our all-double strains has been carefully tested in soil, and, if carefully handled, we know it will germinate 60-70%. For this reason and because of its high cost we cannot entertain claims of non-germination of this seed. If handled with due care, we know it will grow.

### DOUBLE LARGE-FLOWERING

Double Fringed Rose-Pink and White. Bright rose-pink flowers with a large white frill, giving the flowers the appearance of being huge balls of pink and white lace. 500 seeds, 85c; 1000 seeds \$1.50 ....

Double Shepherd's Pride. Flowers large, very double, fringed and of an alluring shade of salmon or shrimp-pink. 500 seeds 85c; 1000 seeds, \$1.50 ....

Vaughan's Special Mixture. Double extra choice, 500 seeds, \$1.00; 1000 seeds, \$1.80... 1/64 oz., \$6.50 ....

### SMALL-FLOWERING DOUBLE

From 40 to 50% of double flowers can be expected of the following. Trade pkt. Oz.

Rosy Morn. A beautiful double pink. 1/32 oz., \$3.80; 1/64 oz., \$2.00; 5000 seeds, \$4.20; 1000 seeds, \$1.00 ....

### SINGLE SMALL-FLOWERED SORTS

Blue King. Like Viola in habit but several shades lighter. 1/4 oz., 40c .25 \$1.40

Flaming Velvet. Rich brilliant velvety blood-red or crimson flower. 1/4 oz., 90c .35 3.20

General Dodds. Superseded by Flaming Velvet.

Hollywood Star. Five pointed star, rose-pink, creamy eye. 1/4 oz., 85c; 1/8 oz., 50c .25 3.00

Howard's Star. Improved; reselected. 1/4 oz., 90c .35 3.00

Norma. Violet blue with white star. 1/4 oz., 50c .25 1.60

Radiance. A cerise-rose with enough underlying salmon to remove the harshness, commonly found in a cerise rose, without losing the brilliance, in fact seeming to intensify it. The throat is golden yellow below where the bloom starts to flare. This tends to add warmth and life to the general color. 1/4 oz., \$1.50; 1/8 oz., \$2.75 .50 10.00

Topaz Rose. The color is a fiery velvety rose slightly suffused with gold, and the throat is the color of topaz. 1/4 oz., 60c .25 2.20



PETUNIA—Continued.

**SINGLE SMALL-FLOWERED DWARF SORTS**

**Admiral.** Reselected. Our stock is from the introducer and is the finest obtainable. This is the best dwarf clear blue Petunia, of good size, and even compact growth.  $\frac{1}{2}$  oz., \$3.00;  $\frac{1}{16}$  oz., \$5.50;  $\frac{1}{4}$  oz., \$20.00; trade pkt., 75c.

	Trade pkt.	Oz.
Alderman. Dark violet.....	$\frac{1}{4}$ oz., 65c	\$0.25 \$2.20
Adora. The plant is dwarf and bushy and seldom grows up more than 10 inches, making a ball form and is literally smothered with small but beautiful flowers. The color is the most lovely rosy carmine with pure white star which regularly marks every individual flower.....	$\frac{1}{4}$ oz., 75c	.35 2.40
B'ue Ball. Early flowering velvety violet blue. Dwarf and compact growth. One of the best ever offered.....	$\frac{1}{4}$ oz., \$1.60	.50 5.00
Blue Bird. Deep violet, extra fine.....	$\frac{1}{4}$ oz., 60c	.25 2.00
Blue Bird. Light Selection. A very fine even midblue. Varies a little in height. ....	$\frac{1}{16}$ oz., \$1.00; $\frac{1}{4}$ oz., \$3.00	.50 ....
Blue Gem. Perfect ball-shaped growth. Flowers true violet blue.....	$\frac{1}{8}$ oz., 70c	.25 ....
Celestial Rose Improved. A great improvement on Rose of Heaven, being more compact in growth and deeper in color. A beautiful rich satiny rose. ....	$\frac{1}{8}$ oz., 75c; $\frac{1}{4}$ oz., \$1.25	.35 4.00
Cockatoo. The flowers are a velvety deep violet-purple with irregular sized white spots and stars. 8 in. ....	$\frac{1}{8}$ oz., \$1.20	.35 ....
Cream Star. Flowers grow $2\frac{1}{4}$ in. across and are shaped like five-pointed stars; soft creamy white deepening towards the throat to a bright golden yellow. Plants, when fully grown, are 12 in. high and 14 in. across, neatly rounded and completely covered with flowers over the sides and top.....	$\frac{1}{8}$ oz., \$1.00	.50 ....
Crimson. Superseded by King Henry.		
Dwarf Howard's Star. Compact habit. Flowers white rayed with reddish purple.....	$\frac{1}{4}$ oz., 90c	.35 3.00
First Lady. Is the clearest pink in all existing varieties of Petunia; a new color of light pink. The individual flower measures over $2\frac{1}{2}$ inches across; very free flowering. Makes dwarf bushy, ball-shaped growth and of the robust easy grower. Has very long flowering season as it continuously throws out the blooms from spring to frost. Strong sun cannot burn the beautiful color.....	$\frac{1}{2}$ oz., \$2.00; $\frac{1}{16}$ oz., \$3.50; $\frac{1}{8}$ oz., \$6.00	.50 ....
Glow. A dwarf bushy plant covered with flowers $2\frac{1}{8}$ in. across of a dazzling carmine red. The richness of color excels all other existing varieties of a similar type.....	$\frac{1}{2}$ oz., \$1.00; $\frac{1}{16}$ oz., \$1.75; $\frac{1}{8}$ oz., \$3.00; $\frac{1}{4}$ oz., \$5.50	.50 20.00
Heavenly Blue. Reselected.....	$\frac{1}{8}$ oz., 85c; $\frac{1}{4}$ oz., \$1.40	.50 4.00
King Henry (Dwarf Flaming Velvet). Large flowers of a rich velvety blood-red color. Very free flowering. Dwarf compact habit.....	$\frac{1}{2}$ oz., \$1.20; $\frac{1}{8}$ oz., \$4.00; $\frac{1}{4}$ oz., \$7.50	.50 ....
Ladybird. This variety did not prove satisfactory in our Trial Grounds. We recommend Golden Jubilee in the grandiflora group as a fine substitute.		
Little Blue Star. The ground color is about the bluest in Petunia and are regularly starred with pure white. This is very dwarf and compact, making ball shape and is very much free flowering.....	$\frac{1}{4}$ oz., 80c	.25 2.80
Martha Washington. Flowers frilled and ruffled, 3 inches in diameter. Blush pink veined rich wine-red, deepening at throat, which is a dark violet. 9 in.....	$\frac{1}{2}$ oz., 90c; $\frac{1}{16}$ oz., \$1.60	.35 ....
<b>Miniature.</b> 6 in. A new strain of dwarf compact miniature sorts.		
Baby Cockatoo. Flowers velvety deep violet-purple with irregular sized white spots and stars.....		.50 ....
Pink Gem. Pink.....		.35 ....
Pink and White Gem.....		.35 ....
Rose Gem. Deep rose.....	$\frac{1}{8}$ oz., 90c	.35 ....

PETUNIA Miniature—Continued.

Trade Pkt. Oz.

Royal Gem. Deep rosy crimson-carmine, lightly veined carmine throat.....	$\frac{1}{8}$ oz., 90c	\$0.50 ....
Violet Gem. New.....	$\frac{1}{16}$ oz., \$1.35; $\frac{1}{8}$ oz., \$2.50	.75 ....
White Gem.....		.35 ....
Gem Mixed.....		.35 ....
Rose King Improved. Deep clear rose-pink. ....	$\frac{1}{4}$ oz., 60c	.25 \$2.00
Rose of Heaven Supreme. The best strain on the market. One of our "finds" on an inspection tour. ....	$\frac{1}{16}$ oz., \$1.50; $\frac{1}{8}$ oz., \$2.75	.50 ....
Rose of Heaven. No. 22. Extra dwarf....	$\frac{1}{4}$ oz., \$1.00	.50 3.60
Rosy Morn. Select. Pink with white throat.....	$\frac{1}{4}$ oz., 75c	.35 2.50
Rosy Morn Improved. Very attractive color, bright, and comes very true, deeper in shade than the original.....	$\frac{1}{4}$ oz., \$1.25	.50 4.00
Salmon Supreme. Distinct new light salmon color. Flowers about $1\frac{1}{2}$ in. across with white throat and plain petals.....	$\frac{1}{16}$ oz., \$1.20; $\frac{1}{8}$ oz., \$2.00	.50 ....
Senator. Purplish violet, white throat.....	$\frac{1}{4}$ oz., 80c	.25 ....
Snow Queen. White, compact.....	$\frac{1}{4}$ oz., 50c	.25 1.80
Sutton's Blue Bedder. Midblue.....	$\frac{1}{4}$ oz., 50c	.25 1.80
Topaz Queen. See front cover for illustration.....	$\frac{1}{8}$ oz., \$1.50; $\frac{1}{4}$ oz., \$2.75	.50 10.00
Twinkles. Masses of small, brilliant rose flowers with well defined pure white star.....	$\frac{1}{4}$ oz., 50c	.25 1.80
White Perfection. This is one of the best white Petunias in existence. They are compact in growth with abundant snow-white flowers, which profusely cover the plants. The individual flower measures about two inches across.....	$\frac{1}{4}$ oz., \$1.25	.35 4.00
Vaughan's Special Dwarf Mixture. Small flowering sorts.....	$\frac{1}{4}$ oz., 70c	.25 2.40

**Papaver—Poppy**

American Legion. Orange-scarlet flowers; are remarkable keepers.....		.10 .30
Barr's Tall Double Salmon Shades. Irresistible.....		.15 .60
Cardinal Type Mixed Dwarf. Double fringed selection from Carnation Fld.....		.10 .40
Paeoniflorum fl. pl. Mixed.....	lb., \$1.20	.... .15
Red	Salmon-pink	
White	Bright Rose	
Each of above.....		.10 .30
Rheas Shirley. Shades of pink and rose mixed, lb., 3.00		.10 .30
Blue Shirley.....		.15 .50
Salmon Shades.....		.15 .50
Wild Rose Shirley.....		.15 .50
Flanders Field. English Field. Scarlet...lb., 2.40		.10 .25
Begonia-Flowered Mixed. The flowers resemble the double tuberous rooted begonias in form. Contains an assortment of lovely light shades.....		.10 .30
Sweet Briar. A delightful shade of deep rose-pink. The blossoms are full double, resembling a very large double begonia.....		.10 .40
Scarlet King. Double scarlet.....	lb., \$2.40	.10 .25
Somniferum fl. pl. Double Carnation-flowered. Mixed.....	lb., \$1.20	.... .15
For Oriental and Nudicaule Poppies, see Perennial Pages.		

**Pentstemon**

These attractive tubular or bell-shaped flowers produced on good strong spikes make very fine plants that are exceptionally good for bedding and border planting. Although perennial in warmer climate, they are easily grown as annuals. Sow seed early (January-March) and treat as other annual bedding plants.

	Trade pkt.	Oz.
<b>Sensation.</b> The most brilliant and varied colors; many of them are beautifully edged with a fine contrasting color. 2 ft.....	$\frac{1}{4}$ oz., 80c	\$0.35 \$2.80
Red Shades. 2 ft.....	$\frac{1}{4}$ oz., \$1.00	.35 ....
Pink Shades.....	$\frac{1}{4}$ oz., 1.00	.35 ....
Violet Shades.....		.35 ....
<b>Miniature Hybrids.</b> $2\frac{1}{2}$ to 3 ft. Graceful sprays covered with miniature flowers in a wide color range.....		.35 ....
Southgate Gem. Crimson-scarlet. Splendid for pots and bedding out. 2 ft.....	$\frac{1}{4}$ oz., \$1.00	.25 ....



## Phlox Drummondii Grandiflora

These grandiflora varieties make fine cut flowers. For best results, sow seed where you want them to bloom.

Alba. White.	Brilliant. Rose with dark eye.
Alba Oculata. White with eye.	Carnea. Flesh.
Atropurpurea Alba Oculata.	Cinnabarina. Brilliant red.
Deep red, white eye.	Flaming Velvet. Deep velvety red.

	Trade pkt.	Oz.
Each of above.....	$\frac{1}{4}$ oz., 60c	\$0.25 \$2.00
Cinnabar Scarlet. The brightest red.....	$\frac{1}{4}$ oz., 70c	.35 2.40
Chamois Rose.....	$\frac{1}{4}$ oz., 70c	.35 2.40
Isabellina. Buff yellow.....	$\frac{1}{4}$ oz., 70c	.35 2.40
Kermesina Splendens. Crimson.....	$\frac{1}{4}$ oz., 70c	.35 2.40
Rosea. Rose.....	$\frac{1}{4}$ oz., 70c	.35 2.40
Scarlet.....	$\frac{1}{4}$ oz., 70c	.35 2.40
Stellata Lilacina. Lilac with eye.....	$\frac{1}{4}$ oz., 60c	.25 2.20
Stellata Splendens. Scarlet, white eye.....	$\frac{1}{4}$ oz., 70c	.35 2.40
Violet Blue.....	$\frac{1}{4}$ oz., 70c	.35 2.40
Violet with white eye.....	$\frac{1}{4}$ oz., 70c	.35 2.40
Best large-flowering. Mixed.....	lb., \$20.00; $\frac{1}{4}$ oz., 50c	.25 1.50
Vaughan's Special Mixture. Includes all the grandiflora varieties listed and others.....	$\frac{1}{4}$ oz., 70c	.25 2.40
Cuspidata Mixed (Star of Quedlinburg).....	$\frac{1}{4}$ oz., 65c	.25 2.20
Gigantea Art Shades.....	$\frac{1}{4}$ oz., 55c	.25 1.80
Rosy Morn. Rose-pink with white eye, color deeper than Petunia of same name.....	$\frac{1}{8}$ oz., 75c	.35 5.00
Salmon Glory. Pure salmon-pink with creamy white eye.....	$\frac{1}{4}$ oz., 70c	.35 2.40

### NANA COMPACTA (Dwarf) 6 inch

Dwarf Phlox plants for combination pots are very useful. Grown in pots, they make fine plants for spring sales.

Apricot Yellow.	Mirabilis. Salmon-pink with white eye.
Chamois.	Sky-Blue, with eye, fine for edging.
Cinnabarina. Brilliant red.	Snowball.
Fireball.	Violet-Blue
Flaming Velvet. Deep velvety red.	Violet with Eye.
Isabellina. Buff-yellow.	Trade pkt. Oz.
Each of the above.....	$\frac{1}{4}$ oz., 80c \$0.35 \$2.80
Delicata. Salmon-pink, carmine eye.....	.50
Vaughan's Special Dwarf Mixture.....	$\frac{1}{4}$ oz., 90c .35 3.20

### VAUGHAN'S BEAUTY

This fine strain of large-flowering dwarf Phlox is especially recommended for pot culture, combination and border planting. The plants grow about 8 inches high, compact, and very free-blooming.

	Trade pkt.	Oz.
Alba. White.....		\$0.35
Chamois.....		.35
Coccinea Scarlet.....		.35
Coerulea Stellata. Light blue with white center.....		.35
Delicata. Apricot pink, dark eye.....		.35
Vaughan's Beauty. Mixed.....	$\frac{1}{4}$ oz., 90c	.35 \$3.20

## Portulaca

Single large-flowering sorts, mixed.....	.15	.80
Yellow, Scarlet and Pink, each.....	.15	.80
White.....	.25	....
Parana, Large-flowering, rosy carmine.....	.15	.80
Double sorts, finest mixed.....	$\frac{1}{4}$ oz., 60c	.25 2.00
White, Pink, Scarlet, Yellow, Salmon, each.....	$\frac{1}{4}$ oz., 80c	.25
Scarlet Glow. An exceptionally brilliant scarlet.....	$\frac{1}{4}$ oz., \$1.00	.35

## Primula Obconica

We quote weight seed subject to arrival of stock.

These large-flowering brilliant colored primroses are one of the most popular pot plants for winter and spring sales. The small plants are very useful for combinations for Easter. January sown seed will produce large plants for Thanksgiving, Christmas, etc. Seed sown in March and April will make fine plants for spring and Easter. Cultural instructions sent with seed.

	Trade pkt.	Oz.
Grandiflora Avalanche. White.....		\$1.00
Appleblossom. Pink.....		1.00
"Better Days." Deep carmine red. Very large flowering. The compact, well branched growth is very symmetrical and the mass of flower-heads shows evenly above the dark green foliage, on strong stems. $\frac{1}{64}$ oz., \$2.20; $\frac{1}{32}$ oz., \$4.00		1.00

### PRIMULA OBCONICA GRANDIFLORA—Continued.

Dondo. In our opinion, the finest dark red Obconica. Astonishing freedom of bloom—10 to 12 exceptionally large velvety red flowers in full bloom on each stem. Especially valuable in winter, as "Dondo" holds its true deep red color.....	Trade pkt. Oz.	
Sky-Blue (Konigsee).....	$\frac{1}{64}$ oz., \$2.00	1.00
Dark Blood-Red (Bayern Blut).....		1.00
Fassbender Red. Flowers rich deep red of enormous size. Outstanding.....	$\frac{1}{64}$ oz., \$2.50; $\frac{1}{32}$ oz., \$4.80	1.00
Lachsrosa (Friesdorf). A beautiful salmon-rose.....		1.00
Mueller's (Berlin) Rose.....	$\frac{1}{64}$ oz., \$1.80; $\frac{1}{32}$ oz., \$3.50	1.00
Mohnstein's Dark Red.....	$\frac{1}{64}$ oz., 2.00; $\frac{1}{32}$ oz., 3.80	1.00
Rose Queen (Alsmeer Rose). Pure rose, giant trusses of large flowers.....	$\frac{1}{64}$ oz., \$2.00	1.00
Mixed, many colors.....	$\frac{1}{64}$ oz., 1.00	.50
Gigantea Rosea. Fine.....		1.00
Salmon Queen.....		1.00
Mixed.....	$\frac{1}{32}$ oz., \$1.80	.50
Double Portland Beauty. Light to dark rose-pink.....	$\frac{1}{64}$ oz., \$3.00; 750 seeds, \$1.50	....

## Primula Sinensis Stellata

This star-shaped type primrose is indispensable for general decorative work. The plants are very free flowering and bloom for a long period.

Giant Blue Star	Giant Star Mixed
Giant White Star	Each, trade pkt. (250 seeds), 50c.

## Primula Chinese Giant

Chinese primroses with their beautiful fringed petals make attractive pot plants for Christmas sales. Sow seed in April and May to have well grown plants for 5-inch pots. Summer sowing will make fine plants for later winter and spring selling.

Trade pkt., any of the following, except noted, 250 seeds, each, 50c.  
 Chiswick Red Improved. Red.  
 Covent Garden White.  
 Giant Pink. Extremely large petals of great substance.  
 Giant Salmon. Massive heads of flowers of great substance.  
 Queen Mary. Rose-pink.  
 True Blue.  
 Giant Mixed. Includes this year a number of new shades.  $\frac{1}{64}$  oz., \$2.00.  
 Dazzler. A brilliant and unique shade of orange-red, exceptionally floriferous and long lasting.  $\frac{1}{64}$  oz., \$2.00; 250 seeds, 50c.  
 Vaughan's International Mixture. This mixture is composed of the most salable colors of single-flowering Chinese Primulas, the best whites, pinks and reds, with a sprinkling of other colors.  
 Trade pkt. of 250 seeds, 50c;  $\frac{1}{64}$  oz., \$2.40;  $\frac{1}{32}$  oz., \$4.00.

## Primula Various Sorts

Recent improvements in this Baby Primrose class have made them indispensable for Florists' use. Seed sown in June or July will produce large plants for Christmas. September-sown seed will produce nice plants for Easter and Mother's day. A January sowing can be grown into nice small pot plants for spring combinations.

	Trade pkt.	Oz.
Malacoides Dawkin's Carmine King.....		\$0.50
Melody. A pure soft rose tinged salmon and without any lilac tint. The flowers are large, slightly fringed and are very freely born on well shaped compact plants.....	$\frac{1}{64}$ oz., \$1.80; 1000 seeds,	1.00
Princess Mary. Deep rose-pink.....	$\frac{1}{64}$ oz., \$1.60	.50
Rosea Superba. Beautiful pink.....	$\frac{1}{32}$ oz., \$1.60	.50
Salmon Rose.....	$\frac{1}{32}$ oz., \$2.50	.50
Snow Queen. Single white.....	1000 seeds,	.50
Mixed.....	$\frac{1}{32}$ oz., \$2.00	.50
Double White.....	$\frac{1}{64}$ oz., \$1.80; 1000 seeds,	.50
Erikssoni. Appleblossom. Pink and white.....		1.00
Baby Rose. Deep rose.....	$\frac{1}{32}$ oz., \$2.40; 1000 seeds,	1.00
Baby Doll. Superseded by Baby Rose.		
Brilliancy. Opens lavender, changing to crimson-red.....	$\frac{1}{64}$ oz., \$2.50; 1000 seeds,	1.00
Snow King. Pure white.....	$\frac{1}{64}$ oz., \$1.80; 1000 seeds,	1.00
New Baby. Lavender-pink.....	$\frac{1}{64}$ oz., \$1.80; 1000 seeds,	1.00
Salmon Beauty. True salmon.....		1.00
Wonder Baby. Pink.....	1000 seeds,	1.00
Erikssoni Mixed.....	$\frac{1}{64}$ oz., \$1.80	.50



## Primula New Giant Malacoides

**Double Fairy Jewels.** The color is a lovely rich rose pink, slightly deeper in the center than the outer or older petals. The strain comes 90% to 95% double from seed. Trade Packet (about 1,000 seeds), \$1.50.

**Enchantress.** A beautiful, soft salmon rose. The well rounded, beautifully formed flowers are  $\frac{7}{8}$  to 1 inch in diameter and produced in unbelievable profusion. A well grown plant will have 50 or more heavy stemmed spikes. Trade Packet (about 1,000 seeds), \$1.50.

**Snow Flake.** Has flowers of the purest shimmering snow white one can imagine. Its beautifully formed 1-inch florets adorn the stately stems like glistening jewels sharply high-lighted by the lush green foliage. Trade Packet (about 1,000 seeds), \$1.00.

**Mixture.** Contains all of the above single varieties, together with a good many others still in the developmental stage. Among these is a most delightful bicolor pink and white which will be ready for introduction as a separate variety within the next year or two. Trade Packet (about 1,000 seeds), \$1.00.

## Primula—Ericksson's Malacoides (ORIGINATOR'S SEED)

**Riverside Strain.** This is the newest strain, flowers are larger, stems are heavier; foliage is stiffer, more upright and heavier. Flowers have more substance and last longer. About two weeks later in blooming. This type does not "crop" in and gives a longer period in which to sell plants.

**Ericksson's Pure White.** A much improved Baby Alba. 500 seeds, \$1.00; 2000 seeds, \$3.00; 6000 seeds, \$8.00.

**Glory of Riverside Improved.** A true rose pink, free bloomer with large flowers and robust grower. 500 seeds, \$1.00; 2000 seeds, \$3.00; 6000 seeds, \$8.00.

**Lilac Beauty.** Pure light lilac, 100% even color when blooming and a delight to work in combinations. 500 seeds, \$1.00; 2000 seeds, \$3.00; 6000 seeds, \$8.00.

**New Giant.** Large flower and later bloomer. Same color as Glory of Riverside. 500 seeds, \$1.00; 2000 seeds, \$3.00; 6000 seeds, \$8.00.

**Riverside Red Rose.** A new introduction, a brilliant red rose of very even color from start to finish. 500 seeds, \$1.00; 2000 seeds, \$3.00; 6000 seeds, \$8.00.

**PRIMULA Kewensis.** Yellow, decorative, winter-Trade pkt. Oz.  
flowering greenhouse plant. 12 in. ....  $\frac{1}{4}$  oz., \$1.35 \$0.50 ....  
**Forbesi Ruby.** Deep purple, golden eye. .... .50 ....

**Pyrethrum Parthenifolium Aureum (Golden Feather)** .10 \$0.40  
**Rhodanthe.** Mixed, splendid everlastings. .... .15 .40  
Manglesi Rose. .... lb., \$4.00 .15 .40

## Ricinus—Castor Beans

**Borboniensis Arboreus.** 10 to 15 ft. .... lb., \$1.40 .... .15  
**Cambodgensis.** Very dark. 4 ft. .... lb., 1.40 .... .15  
**Crimson Spire.** 6 ft. .... .10 .30  
**Gibsoni.** Dark red leaves, metallic lustre. .... .10 .30  
**Sanguineus.** Red leaves. 7 ft. .... lb., 1.40 .... .15  
**Mixed.** Many kinds. .... lb., 1.20 .... .10  
**Zanzibarensis Enormis.** Carmine seeds. 7 ft., lb., 2.40 .10 .25  
**Zanzibarensis Mixed** .... lb., 1.60 .... .15

**Rochea Falcata.** A beautiful greenhouse plant, similar to Echeveria; fine flower spikes with scarlet blooms. 18 in. 500 seeds, \$1.40; 1000 seeds, \$2.40 .... .10 .40

**Rudbeckia Bicolor Superba.** Large golden yellow, dark spots. 2 ft. .... .10 .40

**Kelvedon Star.** A perfect long-stemmed flower for cutting. The flowers vary in both form and coloring, but all have dark brown central discs, surrounded by a shining mahogany zone on petals of deep orange. ....  $\frac{1}{4}$  oz., 50c .25 1.60

**Kelvedon Star Double.** ....  $\frac{1}{4}$  oz., 50c .25 1.80

**Indian Maid.** 4 in. flowers, pronounced crown, rich brown center and golden tips. Some few semi-double or double rows of petals. Sown March 1, bloom in  $3\frac{1}{2}$  months. Like spokes of a wheel without rim. The brown in petals is a little over half way on petals. Vigorous habit. Excellent for cutting. ....  $\frac{1}{4}$  oz., 55c .25 1.80

See also Perennials.

**Saintpaulia Ionantha Cordata.** Dark cordate leaves, strong growth and large flowers of a deep lavender color. Blooms in 6 months from seed. .... Trade pkt. Oz. \$1.00 ....

**Ionantha Grandiflora (African Violet).** Charming deep blue flowering pot plant which blossoms in uninterrupted succession. .... 1.00 ....

**Kewensis.** It blooms freely for a long period. It differs considerably from the Ionantha and Cordata on account of its small delicate green leaves. The shining blue flower, reminding one of a violet, contrasts well with the light green rosette of leaves 1.00 ....

## Salpiglossis

Excellent summer-flowering showy annuals that are easily grown and fine for cutting. Sow seed where you want them to bloom, as they resent transplanting. Seed sown in greenhouse in January will bloom in May.

**Large-Flowering. Superbissima (Emperor).**  
Brown and Gold Light Blue and Gold Velvety Red  
Chamois Purple Velvety Violet  
Crimson Purple and Gold Violet and Gold  
Faust Rose and Gold White and Gold  
Golden Yellow Scarlet and Gold Trade pkt. Oz.  
Each of the above. .... \$0.15 \$0.80

**Sutton's Rose, Crimson and Gold.** An effective combination of colors. ....  $\frac{1}{4}$  oz., 45c .25 ....

**Vaughan's Special Mixture.** Made from above-named sorts. ....  $\frac{1}{4}$  oz., 30c .20 1.00

**Giant-Flowered Dwarf Mixed.** These have a compact branching habit, with individual flowers half again as large as the Emperor type. Are ideally suited for bedding purposes. ....  $\frac{1}{4}$  oz., 40c .20 1.20

## Salvia Splendens

Sow seed in flats and give bottom heat, as this helps germination of seed considerably.

**America (Globe of Fire).** A favorite with many growers. Trade pkt. Oz.  
Plants grow about 18 inches high, in uniform dense globe-shaped bushes. ....  $\frac{1}{4}$  oz., 1.20 \$0.50 \$4.00

**Early Harbinger (Fire Brand).** Northern grown seed. Of uniform type, about 15 inches in height, free and early flowering. We recommend this very highly. ....  $\frac{1}{4}$  oz., \$1.80 .75 6.00

**Harbinger.** ....  $\frac{1}{4}$  oz., \$1.20 .50 4.00

**Clara Bedman (Bonfire).** Erect habit—the old standby, 16 inches. ....  $\frac{1}{4}$  oz., \$1.00 .50 3.40

**Fire Charm.** Dwarf form of Fireball. Very early. Sow late in spring for early summer bloom.  $\frac{1}{8}$  oz., \$1.50 .75 ....

**Fireball.** Extra choice strain, free-flowering, 14 inches. ....  $\frac{1}{4}$  oz., \$1.20 .50 4.00

**Salmon.** .... .75 6.00

**St. John's Fire.** Blooms very early but remains in perfect condition until frost. Grows only 10 inches tall when in full bloom in August. The bright scarlet spikes stand densely and rigidly upright on the uniform and compact plants. ....  $\frac{1}{8}$  oz., \$1.50; 500 seeds, 65c; 1000 seeds, \$1.00 .... .75 6.00

**Vaughan's Masterpiece.** Extra early, dwarf. ....  $\frac{1}{4}$  oz., \$1.80 .75 6.00

**Maroon Prince.** Plum color. 24 inches. ....  $\frac{1}{4}$  oz., \$1.20 .50 4.00

**Zurich.** Very early and very dwarf. 2 ft. ....  $\frac{1}{4}$  oz., 85c .50 3.00

**Salvia Farinacea Blue Bedder.** Compact plant, deep blue flowers effective in mass planting. The long graceful stems are useful for cutting. .... .25 1.00

**Farinacea Royal Blue.** Grows erect and of more intense color than Blue Bedder. Fine bushy plants, nice long spikes for cutting, and true. .... .15 .50

**Horminum Oxford Blue.** The bracts are Oxford blue, very broad, and of a pureness of tone that can be found in no other annual. .... .25 1.00

**Blue Beard.** Annual, dark blue, 1 ft. .... .15 .50

See also Perennial Pages.

**Sanvitalia (Creeping Zinnia) Procumbens Fl. Pl.** Double yellow, dwarf, fine for edging. ....  $\frac{1}{4}$  oz., 40c .25 1.40

**Saponaria. Vaccaria Rose.** Sometimes called pink Gypsophila. Light graceful sprays of glistening flowers produced in greatest profusion. .... lb., \$1.50 .... .15

**Alba, White.** .... lb., 1.40 .... .15

**Saxifraga Sarmientosa "Mother of Thousands."** Old Man's Beard, graceful house plant. .... 100 seeds, 25c; 1000 seeds, \$2.50 .... .15



## Scabiosa Double, Large Flowering (Pincushion Flower)

	Trade pkt.	Oz.
Ageratum Blue. Fine mid-blue.....	\$0.15	\$0.50
Azure Fairy. A splendid cut flower.....	.15	.50
Black Prince.....	.15	.50
Blue Moon. Deep lavender-blue..... 1/4 oz., 65c	.25	2.00
Cattleya. Rich rosy lilac, orchid tone.....	.15	.50
Cherry-Red.....	.15	.50
Coral Pink.....	.15	.50
Fire King.....	.15	.50
La Fee. A very double, highly perfected Azure Fairy..... 1/4 oz., 50c	.25	1.40
Loveliness. Soft delicate salmon-rose color. Delightfully fragrant..... 1/4 lb., \$1.80	.15	.50
Orchid Shades.....	.15	.50
Peace. Semi-tall, double white, companion to Bronze Medal Winner of 1940. Heavenly Blue. True, good for cutting and easier handled garden type than tall varieties. Flowers fully double, 1 3/4 inches across, beehive shaped, on 6 to 8-inch stems. Honorable mention All America 1941..... 1/4 oz., 75c	.50	2.60
Peachblossom.....	.15	.50
Pompadour. Center of each floret is intense blackish purple blending into a lighter rose-purple and a broad area of white on the tip of each petal. 1/4 oz., 40c	.20	1.40
Rosette. Beautiful shade of deep rose heavily suffused with salmon..... 1/4 oz., 65c	.25	2.00
Salmon Beauty. A pure salmon in color with huge flowers and with great vigor of growth..... 1/4 oz., 70c	.35	2.40
Shasta. Pure white of enormous size.....	.15	.50
Vaughan's Special Mixture..... 1/4 lb., \$2.40	.20	.80
Cockade. The new conical form accompanied by an unusual and attractive depth of flower with large individual florets makes flowers of the largest size. We offer in four different colors and mixed as follows:		
Blue Cockade. Deep blue, deeper than Azure Fairy..... lb., \$6.00	.15	.50
Royal Cockade. An attractive shade of salvia blue found in the Patens variety..... 1/4 oz., 65c	.25	2.00
Rose Cockade. An alluring shade of bright rosy lilac..... 1/4 oz., 65c	.25	2.00
White Cockade. Dazzling snow-white, of beautiful form..... 1/4 oz., 65c	.25	2.00
Monarch Cockade Mixed. An unusually attractive mixture has been blended from the White, Blue, Rose and Royal Cockade varieties and from the residue of crosses and selections from which these varieties have been selected..... 1/4 oz., 55c	.25	1.80
Dwarf Coral Rose. Deep rose-pink tinged salmon. 8 in. ....	.15	.80
Heavenly blue..... 1/4 oz., 55c	.25	1.80
Mixed.....	.15	.50

## Schizanthus

A January sowing will make choice 3 in. plants for spring combinations.

	Trade pkt.	Oz.
Vaughan's Dwarf Masterpiece. This is to our knowledge the best strain of Schizanthus in existence. The plants grow dwarf and compact, making them most suitable for pot culture. The color range of the flowers, which are of good size, is the most varied, well balanced from light pink and rose, to a very pleasing dark violet, all with conspicuous blotches..... 1/8 oz., \$1.00	\$0.50	.....
Vaughan's Excelsior Hybrids. A choice strain with very large flowers in an excellent blend of colors. A splendid cut flower item..... 1/8 oz., \$1.00	.50	.....
Chelsea Bedding Mixture. Magnificent for pots or garden.....	.75	.....
Dr. Badger's Hybrids. Splendid large flowers with brilliant coloring..... 1/4 oz., \$1.00	.35	.....
Monarch Strain. The flowers have immense petals and the majority are beautified by a gold veining so exceptionally heavy that it makes Monarch Reselected distinct from all other mixtures..... 1/8 oz., \$1.00	.50	.....
Pansy-flowered. The large pansy-flowered blooms are remarkably substantial, while the rich self-colors in all shades of pink, crimson, mauve and purple, as well as white, are extremely bright and attractive..... 1/8 oz., \$1.00	.35	.....
Retusus. Mixed..... 1/8 oz., 75c	.25	.....
Wisetonensis. Rose and amber shades..... 1/4 oz., \$1.00	.35	.....
Dwarf mixed..... 1/4 oz., \$1.00	.25	.....

## Sedum Bellum Dondo

### A NEW WINTER-BLOOMING POT PLANT

This new sedum forms dense little clumps literally covered with small white flowers. The plants grow 10-12 inches in height and when older the fleshy branches hang over the edge of the pots, forming a most charming and attractive subject Trade pkt. 60c

	Trade pkt.	Oz.
Sedum Coeruleum (Stone Crop). Blue. 3 in. ....	\$0.35	.....
Sensitive Plant (Mimosa Pudica).....	.15	\$0.40
Senecio Elegans fl. pl. Mixed..... 1/4 oz., 50c	.25	1.80
Shamrock..... Lb., \$5.00	.15	.50
Smilax..... Lb., 5.00	.15	.50
Snapdragon. See Antirrhinum.		

## Solanum

### ORNAMENTAL PEPPER, "CHRISTMAS CHERRY"

Bird's Eye Improved. The fruits are larger and as freely produced as the ordinary. They come on white, then turn blue and finally red. Trade pkt. Oz. \$0.25

Celestial Pepper. Conical fruits, at first green then creamy yellow, violet, coralline, and after that golden yellow..... 1/4 oz., 25c	.15	\$0.80
Christmas Cherry Improved..... 1/4 oz., 60c	.25	2.00
Cleveland Red (Cherry).....	.20	1.00
Cleveland Orange (Cherry)..... 1/4 oz., 60c	.25	.....
Hlavacek's "Masterpiece." More compact than the old type and produces cherries much more freely. Outstanding..... 1/4 oz., 50c	.25	1.60
Red Cluster (Bunch Pepper). A compact, much branching plant bearing at the end of its branches bunches of erect, pointed, curved pods of a coral red color..... 1/4 oz., \$1.00	.35	.....
Miniature Bell. The red, green and white bell shaped fruits are attractive against the dainty foliage. Pinch the plants to make them bushy, for large plants put 3 or 4 in a 5 or 6-in. pot. Put stake in center and tie plant to shape..... 1/4 oz., \$1.00	.35	.....
New Patterson Variety. Large orange-red flowers, cherry-like fruit, compact habit..... 1/4 oz., 70c	.25	.....
Ornamental Pepper, Variegated Leaved. The leaves are conspicuously variegated with dark green, white and sometimes purple. The berries or fruits which are borne in clusters are dark green in the beginning but change to bright red in late autumn..... 1/4 oz., 70c	.25	2.40
Mixed varieties..... 1/4 oz., 60c	.25	.....

## Statice

Attractive annuals of easy culture that can be used as fresh or everlasting flowers.

	Trade pkt.	Oz.
Sinua. True Blue. Fine cut flower..... lb., \$2.50	\$0 15	\$0.25
Kampf Improved variety. Tall, new, brilliant deep blue, long stemmed..... lb., \$2.50	.15	.25
Lavender Queen..... lb., 2.50	.15	.25
Market Growers. Deep blue..... lb., 2.50	.15	.25
Pale Violet with yellow center..... lb., 2.50	.15	.25
White, Pure..... lb., 2.50	.15	.25
Rosea Superba..... lb., 2.50	.10	.25
Pastel shades mixed..... lb., 2.50	.15	.25
New colors mixed..... lb., 2.80	.15	.30
Bonduelli Superba. Golden yellow..... lb., 4.00	.10	.35
Puberula. Flowers 5 months after sowing, grows only 4-6 in. high and forms large magnificent dark violet blooms. It can be used for pots and in the open, also in rock gardens..... 1/4 oz., 60c	.25	2.20
Suworowii. Russian or Rat tail. Flowers bright rose color. Can be grown in cool house. 30 inch.....	.15	.80
Stevia Serrata. White, fine cut flower. 1/4 oz., 40c	.25	1.40
Lindleyana. White. Is very useful for florist work. It needs to be sown in March indoors; prick out in frame and transplant into the open after spring frosts are over..... 1/8 oz., \$1.00	.50	.....

## Streptocarpus New English Hybrids (Cape Primrose)

A superb strain with a wide range of colors. Lovely in shades of pink, mauve, lavender, white, deep rose, carmine and blue. The flowers attain a diameter of 2 inches and over, similar in shape to Gloxinias. They are borne on wiry stems and last long when cut. 1/4 oz., \$2.00; trade pkt., \$1.00.





STOCKS Type of Improved Giant Bismarck

## Stocks

Varieties preceded by star (★) are the most popular colors.

Our Stock seed is secured from the most reliable growers, who devote much time and attention to roguing and selecting, and better seed cannot be had. We have furnished seed for many years to the most critical growers of this plant.

A leaflet on "Methods of Selecting Double Flowered Stocks in the Seedling Stage," by S. L. Emsweller, will be included in all orders for Column Stock seed.

### "NON-BRANCHING" COLUMN STOCKS

These produce one enormous spike with large flowers, 2 to 2½ ft. high, and can be planted close together in the bench, which makes them a profitable type. Are in season with Bismarck variety.

- ★Ball Blue. Dark lilac blue. Moonlight. Light yellow.
- ★Chamois Pink. Ruby. Rich crimson red.
- Malmaison Pink. Beautiful shell pink. ★Silvery Lilac.
- ★Lilac Lavender. Several shades darker than Silvery Lilac. Yellow Wonder. Best yellow.
- ★Ball Rose Pink (No. 14). A deep selection from Ball No. 11; a rose-pink, not a deep heavy rose. Long-stemmed, therefore about ten days later than Ball No. 11. Good market color. ★White tinged rose

Each of the above: ½ trade pkt., 60c; trade pkt., \$1.00; ¼ oz., \$2.50; oz., \$9.00.

Non-Branching Column Special Florist Mixed. All colors. ½ trade pkt., 60c; trade pkt., \$1.00; ¼ oz., \$1.50.

American Beauty. Deep rose. ½ trade pkt., 60c; trade pkt., \$1.00; ¼ oz., \$2.80.

### STOCKS NON-BRANCHING COLUMN—Continued.

★Ball Pink (No. 11). Light rose-pink, exact shade of Bismarck Rose. Long-stemmed flowers, well placed on stem. A very pleasing color in the Non-Branching type. ½ trade pkt., 60c; trade pkt., \$1.00; ¼ oz., \$2.50; oz., \$9.00.

White No. 16. Semi-tall and extra compact pure white. ½ trade pkt., 60c; trade pkt., \$1.00; ¼ oz., \$2.50; oz., \$9.00.

Gardenia. New. Flowers of the purest white. Trade pkt., \$1.25; ½ oz., \$2.50; ¼ oz., \$4.50; ½ oz., \$8.00; oz., \$15.00.

### GIANTS OF CALIFORNIA

This magnificent group comes very early, having the branching habit of the Bismarck, with mammoth flowers on longer stems. When planted close they make one long spike of mammoth florets closely packed around the stem.

- Blood-Red "The Red Woods" Rose Carmine "Sequoia"
- Blue "Pacific" Rose "Yosemite"
- Chamois "Santa Barbara" Velvety Violet (Mojave).
- Lavender "Tahoe" White "Santa Maria"
- Pink "Monterey" Yellow "Golden Gate"

Each of the above, trade pkt., 35c; ½ oz., 65c; ¼ oz., \$1.15; oz., \$4.00.

Mixed, the above. Trade pkt., 25c; ½ oz., 60c; oz., \$3.40.

### IMPROVED GIANT BISMARCK (Early Giant Imperial)

One of the best Stocks, for both inside and outside planting. The plants grow in pyramidal form, about 2½ ft., are strong and robust and are covered with large double flowers. Plant close and take out center shoot as soon as safe to get more and longer side branches which that way produce more flowers.

Antique Copper Appleblossom. (Used by many for white).

- ★Buttercup. Deep golden yellow.
- ★Chamois Dark Blue Elk's Pride. Royal purple.
- Flesh. Delicate pink. Fiery Blood-Red
- Golden Rose ★Lavender ★Lilac Old Rose ★Rose
- ★Shasta. Vigorous, glistening white. Trade pkt. Oz.

Each of the above..... ½ oz., 60c; ¼ oz., \$1.00 \$0.35 \$3.00

Giant Bismarck, Mixed. All colors..... ¼ oz., 60c .25 2.20

Early Colonial. Blooms earlier than other branching types, grows 30 to 36 in. tall. The individual florets are 2 inches across and they form clusters or spikes 15 inches long. The percentage of double runs about 70%.

Mayflower. Red rose.  
Priscilla. Silvery lavender. } Each, tr. pkt., 50c  
Puritan. Pure white.

### EMPEROR OR WINTER

Empress Elizabeth. Brilliant carmine rose. ¼ oz., 90c .35 3.20

### STOCK SUPER GIANT IMPERIAL, 3 Ft. Annual

A new group of Giant Imperial Stock bred and selected for florists' use. Like the Giant Imperial group, the plants are base branching, each plant producing 12 to 15 huge flower spikes. The individual florets are large and double, measuring 2 inches or more in diameter. When in full bloom, each spike will have from 40 to 50 florets blooming at the same time. This type is certain to become a florist favorite.

- Blush Pink. Dark Blue. Fiery Red.
- Rose Charm. A beautiful, rich deep rose.
- Roselight, rose-pink.

Each of the above..... ¼ oz., \$1.25 .50 ....

### DWARF LARGE-FLOWERING TEN WEEKS

Compact pyramidal growth, excellent for pots and bedding. Not desirable for cutting.

- Blood-Red Dark Blue Lavender
- Bright Pink Deep Rose (Carmine pink) Light Blue
- Canary-Yellow White

Each of above..... ¼ oz., 50c \$0.25 \$1.60

Dwarf Large-Flowering. 10 Weeks. Extra choice Mixed..... ¼ oz., 50c .25 1.60

### STRAWBERRY BARON SOLEMACHER RED

#### A Good Mother's Day Item

The creation of a European specialist and the result of 35 years of cultivation. It is of the small fruited Alpine type and produces compact plants without runners. Plant seed in pots from January to April, keeping evenly moist and shaded. These seedlings will produce abundant fruit the first summer and continue bearing right into autumn.

Trade pkt., 50c; ¼ oz., \$1.30.

Baron Solemacher, Yellow. Trade pkt., 50c; ¼ oz., \$1.50.



# Sweet Peas Early-Flowering Spencer Novelties

By the use of the star-symbol (★) we have indicated the varieties which, according to our experience, have proved the most satisfactory in the various colors and classes. This list is compiled on the basis of hundreds of reports from our customers and our own information.

All our Sweet Pea seed sent to you will be treated with Cuprocid (red copper oxide), unless ordered without this treatment.

Sweet Pea seed treated with Cuprocid **must not be soaked before sowing.**

**Bacchus.** Mammoth flowered duplex on long, firm stems. Rich red maroon.  $\frac{1}{2}$  oz., 25c; oz., 35c; 4 oz., \$1.25; lb., \$4.00.

★**Bridesmaid.** A charming deep silvery pink with stems unusually long.  $\frac{1}{2}$  oz., 20c; oz., 30c; 4 oz., \$1.00; lb., \$3.40.

**Cinderella.** Pure, clear pale or silver blue. Blossoms very large and highly frilled.  $\frac{1}{2}$  oz., 20c; oz., 30c;  $\frac{1}{4}$  lb., \$1.00; lb., \$3.40.

★**Daphne.** A soft salmon-pink on a cream ground. The flowers are of great size, with beautifully expanded and waved standards.  $\frac{1}{2}$  oz., 20c; oz., 30c; 4 oz., \$1.00; lb., \$3.40.

**Iris.** Deep "Iris Blue," with the widespread wings keeping to a bit lighter hue than the standard, which is very broad and quite wavy. Oz., 40c; lb., \$4.40.

**Othello.** Deep maroon.  $\frac{1}{2}$  oz., 20c; oz., 30c;  $\frac{1}{4}$  lb., \$1.00; lb., \$3.40.

**Peeress.** A robust growing; gives a heavy crop of blossoms. Color is pleasing clear rose cerise. Oz., 50c; 4 oz., \$1.35; lb., \$5.20.

★**Princess Blue.** Rich light blue. Oz., 40c; 4 oz., \$1.20; lb., \$4.00.

**Rose Picotee.** Pure white with salmon-rose edging or picotee. It is definitely a new color in the early group. Oz., 40c;  $\frac{1}{4}$  lb., \$1.20; lb., \$4.40.

★**Sequoia.** A rich golden salmon-cerise pea, frilled and wavy. The flowers are enormous, on long stout stems.  $\frac{1}{2}$  oz., 20c; oz., 30c; 4 oz., \$1.00; lb., \$3.40.

★**Skippy.** Light salmon-pink. Oz., 50c;  $\frac{1}{4}$  lb. \$1.40; lb., \$5.00.

★**Snow Queen.** Pure white, black seeded, opens and retains white color. Oz., 40c;  $\frac{1}{4}$  lb., \$1.25; lb., \$4.00.

**Sterling** is a large duplexed salmon rose with an abundant array of four and five graceful duplexed flowers on strong, heavy stems. Each flower is beautifully formed and of almost a self color, having only a trace of silvery-white in its base. Oz., 50c;  $\frac{1}{4}$  lb., \$1.40; lb., \$5.00.

★**Tahoe.** Both the wavy standards and ruffled wings have the same delightful shade of mid-blue.  $\frac{1}{2}$  oz., 20c; oz., 30c; 4 oz., \$1.00; lb., \$3.40.

★**Treasure Island.** A sparkling golden orange, very large flowered and semi-duplexed. Oz., 50c;  $\frac{1}{4}$  lb., \$1.40; lb., \$5.00.

★**Triumph.** Lovely soft lilac-mauve.  $\frac{1}{2}$  oz., 20c; oz., 30c;  $\frac{1}{4}$  lb., \$1.00; lb., \$3.40.

**Vivian Zvolanek.** Clear deep rose, long stemmed. 1 oz., 40c; 1 lb., \$4.20.

★**White Champion.** Best early-flowering white seeded white. Exceptionally long stems, carrying usually four flowers each.  $\frac{1}{2}$  oz., 20c; oz., 30c;  $\frac{1}{4}$  lb., \$1.00; lb., \$3.40.

**Zvolanek's Cascade.** Pure white. Oz., 40c; lb., \$4.80.

## GENERAL LIST—EARLY-FLOWERING SPENCER

Any of the following, except where noted otherwise,  $\frac{1}{2}$  oz., 20c; 1 oz., 30c;  $\frac{1}{4}$  lb., \$1.00; lb., \$3.40.

### BLUE

**Blue Bird.** Violet blue. Fragrant.

**Florist Blue.** Pure blue.

★**Mrs. Herbert Hoover.** Clear blue. Fragrant.

**Top Hat.** Deep purple-blue.

### CREAM

**Oriental.** Deep cream, black seeded large flowers.

### LAVENDER

★**Burpee's Lavender.** Lovely light Wisteria lavender.

★**Danube.** Large, ruffled blooms of a clear lavender-blue, on long straight stems.

**Fragrance.** Large frilled lavender flowers, fragrant.

★**Harmony.** Most popular lavender.

★**Memory.** Rosy lavender.

★**Michigan.** A mammoth dark, pure lavender.

**Vogue.** Superseded by Memory.

### ROSE AND PINK

**Annie Laurie.** Richest tone of pure rose-pink.

**American Beauty.** A rich crimson rose.

★**Ball Rose Improved.** Extra rich deep rose.

**Columbia (Intermediate).** Salmon-rose standard, white wings.

**Delicious.** Crushed strawberry color.

**Eileen.** Rich Begonia-rose with salmon shading.

**Florist Rose.** A pure rose-pink.

**Giant Rose.** Rose-pink. Fragrant.

★**Jeanne Mamitsch.** Striking pink, shading off to deepest pink.

**Josie.** Brilliant rose-pink, vigorous, large flowers; long stems.

★**Laddie Improved.** An enormous rose-pink. Fragrant.

**Majestic Rose.** Immense deep rose-pink flowers on long stems.

★**Mrs. R. H. Holscher.** Rose-pink.

★**Pride.** Pure cerise, large flowers on long stems.

**Ramona.** Coral rose with yellow and pink shadings.

**Shirley Temple.** A soft rose-pink. It has long stems.

**Sonnet.** The flowers are very large, a soft pink shade, borne on long stout stems by very vigorous growing vines.

**Sunray.** Brilliant glowing yet soft cerise on cream ground.

★**Titania.** Mammoth flowered deep rose self, with white ground at the base. Oz., 50c;  $\frac{1}{4}$  lb., \$1.40; lb., \$5.00.

### SCARLET

**Grenadier.** A glowing poppy-scarlet.

**Red Bird.** Bright crimson red.

**Redwood.** A deep, bright rich crimson.

**Vulcan.** Vivid scarlet.

### ORANGE

★**Ball Orange Improved.**  $\frac{1}{2}$  oz., 20c; oz., 35c;  $\frac{1}{4}$  lb., \$1.20; lb., \$4.00.

**Forty-niner.** Bright deep orange.

**Sunproof Orange.** Of a bright scarlet-orange hue—with a hint of more orange in the standard.

**Valencia.** Color bright orange, sunproof.

**Zvolanek's Supreme Orange.** Clear orange, large flowers, strong stems.

### SALMON

★**Apollo.** A soft salmon-cerise. Fine spring bloomer.

**Attraction.** Bright salmon-pink.

★**Boon.** Deep salmon-pink on light cream ground.

**Chime.** Light salmon-pink on cream ground

**Mrs. Calvin Coolidge.** Rich salmon-pink.

**Zvolanek's Salmon.** Salmon-cerise, large flowers, strong stems.

### WHITE

**Burpee's White.** Glistening white, sweet scented.

★**Hope.** A mammoth-flowered black-seeded pure white.

**Snowstorm Improved.** White, of great substance. Fragrant.

★**White Harmony.** A standard black-seeded white.

### MISCELLANEOUS

**Amethyst.** An early-flowering "Royal Purple." Fragrant.

**Elk's Purple.** Long stemmed reddish purple.

**Early-Flowering Spencer.** Vaughan's Special Mixture from named sorts.

### SPRING-FLOWERING INTERMEDIATE

#### Plant after Mums

The spring-flowering type gives excellent flowers on long stems when the regular early-flowering types have given out. Seed of the spring-flowering type should be sown from Oct. to Feb. in the greenhouse for flowering for spring and summer flowers.

**Blue.** **Lavender.** **Rose-Pink.**  
Each of above,  $\frac{1}{2}$  oz., 75c; oz., \$1.25; 4 oz., \$4.00; lb., \$15.00.

#### New Varieties.

**Light Lavender.** **Clear Pink.** **Mauve.**  
Each of above,  $\frac{1}{2}$  oz., 75c; oz., \$1.40; 4 oz., \$5.50.

### Fragrant Early Flowering Spencer Sweet Peas

**Amethyst,** Royal Purple.

**Blue Bird,** Violet-blue.

**Fragrance,** Large frilled lavender.

**Giant Rose,** Extremely large rose pink.

**Harmony,** Clear Lavender.

**Laddie Improved,** Light rose-pink.

**Mrs. Herbert Hoover,** Clear deep blue.

**Snowstorm Improved,** Large pure white.



# Sweet Peas—Summer-Flowering Spencer Varieties

Any of the following, except where noted otherwise: Oz., 20c; ¼ lb., 50c; lb., \$1.80.

## Sweet Pea Notes

As suggested by Mr. Anthony Maier, the well known Eastern Specialist on a recent visit to his range. For early sowing for winter flowering; sow first week in August the following:

Boon	Jeanne Mamitsch
Bridesmaid	Sequoia (for late also)
Burpee's Lavender	Triumph
Danube	White Champion
Daphne (for late also)	
For late sowing for spring flowering the following:	
Daphne (for early also)	Pride
Harmony	Sequoia (for early also)
Laddie Improved	Skippy
Michigan	Snow Queen
Mrs. Holscher	White Harmony
Mrs. H. Hoover	

Sequoia is better than Ball Rose Improved.

Snow Queen is better than Hope for spring flowering variety as it retains the pure white color when the long days come.

**Ambition.** Rich, deep lavender.  
**Artiste.** Deep salmon shaded white on white ground.  
**Ascot.** Bright pink.  
**Avalanche.** Glistening white.  
**Bonnie Briar.** Large rose-pink.  
**Bonny Ruffles.** Salmon-pink on cream, duplexed.  
**Bridal Veil.** Pure white, black seeded.  
**Burpee Blue.** Bright, deep blue.  
**Capri.** Light blue.  
**Charity.** Best red.  
**Cheerio.** Mammoth deep Begonia-rose suffused with gold.  
**Chinese Blue.** Rich deep blue.  
**Constance Hinton.** Black-seeded white.  
**Crimson King.** Rich deep clear crimson.  
**Daddy Long Legs.** New long stemmed glowing scarlet-cerise. Oz., 50c; lb., \$5.00.  
**Fairyland.** A light rich rose-pink suffused on a heavy creamy ground.  
**Flag Ship.** Deep navy blue flowers of large size, artistically placed on long stems.  
**Flamingo.** Cerise scarlet.  
**Fluffy Ruffles.** Rich rose shaded salmon and cream, duplexed.  
**Fortune.** Rich dark blue.  
**Gigantic.** Largest and best black-seeded white.  
**Gleneagles.** Large lavender.

## Tahoka Daisy 20½-inch

An unusually beautiful lavender-blue Daisy with fern-like foliage. Carried on good long stems, the flowers are many-rayed, with long slender petals of pure lavender-blue, center deep yellow. Under open ground culture the plants are in bloom by middle of June and flower until October. Excellent for cutting. Treat as an Annual. To get an even and quick germination, the seed should be stored in refrigerator for a couple of weeks. Trade pkt. Oz. ¼ oz., 60c \$0.25 \$2.00

**Texas Queen Anne's Lace.** An improved Wild Carrot. Will dye easily. ¼ oz., 25c .15 .80  
**Thunbergia.** Mixed. Fine climber for window boxes and hanging baskets. .15 .90  
**Gibsoni.** A lovely graceful climber for trellis work in greenhouses, or may be flowered outdoors in summer in mild climates. It has glistening green ivy-shaped foliage and flowers of most brilliant glowing orange. 100 seeds, \$2.00; 1000 seeds, \$18.00 ... ..  
**Tithonia Avalon Earliest.** The plants grow to seven feet or more. The big, long-stemmed blossoms range from orange topaz through tangerine to those with burnished oversheen of scarlet fire. ¼ oz., 70c .35 2.60  
**Speciosa Early Flowering** ... ..  
**Torenia Fournieri.** Makes a fine pot plant for Mother's day sales. Also good in combination baskets. Flowers blue with dark blotches on lip. 12 in. ¼ oz., 60c .25 2.20  
**Fournieri Compacta.** Dwarf. 8 in. ½ oz., 50c .25 ....  
**White Wings.** Ivory tinted rose. ¼ oz., 85c .25 ....  
**Bailoni.** Yellow with brown. 12 in. ¼ oz., 25c .35 ....  
**Geffion (Nana Compacta).** Deep blue. ½ oz., 70c .35 ....  
**Trachelium Coeruleum.** Free-growing annual having large cloud-like heads of tiny blue flowers resembling Gypsophila. 18 in. ½ oz., \$1.00 .35 ....

**Guinea Gold.** Golden orange.  
**Hawmark Pink.** Deep rose-pink.  
**Lavender.**  
**Headlight.** Orange-scarlet, sunproof.  
**Heavenly Blue.**  
**Highlander.** Pure lavender.  
**King White.** Gigantic flowers of pure white.  
**Lady Ruffles.** Soft pink.  
**Leviathan.** Rich maroon, a lovely clear dark variety.  
**Loveliness.** Rich pink on cream.  
**Mary Pickford.** Dainty cream-pink suffused salmon.  
**Mavis.** Salmon-orange.  
**Miss California.** Orange-salmon and cream-pink.  
**Mrs. A. Searles.** Rich pink, merging into oriental red.  
**Mrs. Tom Jones.** Bright blue.  
**Multiflora Abundance.** A bright mauve approaching orchid. Oz., 40c; ¼ lb., \$1.25; lb., \$4.00.  
**Horn of Plenty.** Blush-pink blending into white at the center. Oz., 40c; lb., \$4.00.  
**Olympia.** Deep rich purple.  
**Peggy Ann.** An attractive shade of clear, glowing salmon-pink.  
**Pinkie.** Rose-pink.  
**Powers Court.** Lavender.  
**Queen of Belgians.** Scarlet-cerise.  
**Rarity.** White ground, the front on standard and wings being faintly flaked with bright orange-cerise. Oz., 15c; lb., \$1.60.  
**Red Supreme.** Bright luminous red. New. Oz., 25c; lb., \$2.40.  
**Rosabelle.** Rose.  
**Royal Salute.** Deep cerise.  
**Ruffled Mixed.**  
**Ruffled Crimson.**  
**Salmon Gigantic.** New. A delicate, yet rich and bright salmon-pink. Oz., 25c; lb., \$2.40.  
**Sextet Queen.** White.  
**Smiles.** Salmon-shrimp pink.  
**Station Master.** Hydrangea-pink, flushed cerise.  
**Stylist.** Rose-pink.  
**Springtime.** Light rose-pink.  
**Tangerine Improved.** Glowing orange.  
**Vista.** Is a clear light purple on a white ground without any blue in the tone. Oz., 20c; lb., \$2.00.  
**Warrior.** A fine maroon.  
**Youth.** White, pink picotee.  
**Vaughan's Florist's Mixture of Summer Spencer Varieties.** Oz., 15c; lb., \$1.40; 5 lbs., \$6.00.

**Ursinia Anethoides.** Rich orange yellow and purple Trade pkt. Oz. zone. ¼ oz., 50c \$0.25 \$1.80  
**New Hybrids Mixed** ¼ oz., 50c .25 1.80  
**Pulchra Dwarf.** Rich orange. ¼ oz., 50c .25 1.80

## Venidium

**Calendulaceum.** 14 in. A bushy plant with large, orange daisy-like flowers. The fine silver-greyish foliage adds to its beauty. Grows on dry side without fertilizer. .20 ....  
**Fastuosum.** 2 to 3 ft. Above the greyish silky foliage rise numerous orange flowers marked with a purple-black zone averaging four to five inches across. Treat as a half-hardy annual, sowing in March or April, as germination is difficult earlier. Plant in sunny position. ¼ oz., 75c .35 ....  
**Fastuosum Hybrids.** 2-3 ft. A new race with a remarkable range of colors, from pure white through ivory, yellow and buff, set off by glistening black centers with maroon markings at base of petals. Germinate and grow more vigorously than original. ¼ oz., 75c .35 ....

## Vinca

These are slow growers and must be started early. They are splendid as bedding plants or for combinations. They bloom all summer until frost and do well in either sun or partial shade. These should be in every florist's order for bedding plant seeds. Trade pkt. Oz.  
**Rosea.** Pink, 1 ft. ¼ oz., 25c \$0.15 \$0.80  
**Fl. Alba Oculata.** White with pink eye. ¼ oz., 25c .15 .80  
**Alba Pura.** Pure white. ¼ oz., 25c .15 .80  
**Delicata.** Soft pink. ¼ oz., 30c .20 1.00  
**Kermesina.** Bright red, dark green leaves with red stems. New. ¼ oz., 25c .15 .80  
**Mixed (includes the new red)** ¼ oz., 25c .15 .80



## Verbena

<b>Gigantea Beauty of Oxford Hybrids.</b> A beautiful giant hybrid raised from a cross between <i>Verbena Luminosa</i> and <i>Beauty of Oxford</i> . The color shades from clear rose-pink to rose-red, making this the brightest rose			
<i>Verbena</i> ever produced from seed.....	1/4 oz., 70c	\$0.35	\$2.60
<i>Alba</i> . Very large, pure white.....	1/4 oz., 50c	.25	1.80
<i>Appleblossom</i> . Almost white shading to cameo-pink on the edge.....	1/4 oz., 70c	.35	2.60
<i>Brilliant</i> . Rich deep flame rose with medium sized white eye.....	1/4 oz., 70c	.35	2.60
<i>Cerise Queen</i> .....	1/4 oz., 70c	.35	2.60
<b>Crimson Glow.</b> A pure glowing crimson without an eye. The flower-heads are produced freely on compact plants, with small leaves.....			
.....	1/4 oz., 70c	.35	2.60
<i>Etna</i> . Geranium-red with a small creamy yellow eye.....	1/4 oz., 50c	.25	1.80
<i>Floradale Beauty</i> . Hybrid <i>grandiflora</i> , <i>Beauty of Oxford</i> type of large-flowered rose shades with salmon-rose predominating.....	1/4 oz., 70c	.35	2.60
<b>Lavender Glory.</b> True lavender. Large flower umbels. Fragrant. About 80% true.....	1/4 oz., 70c	.35	2.60
<i>Lucifer</i> . Red.....	1/4 oz., 50c	.25	1.80
<i>Luminosa</i> . Flame-pink toning to softer shades of salmon, flesh and coral.....	1/4 oz., 50c	.25	1.80
<i>Rosea Stellata</i> . Pink, white eye.....	1/4 oz., 50c	.25	1.80
<i>Rose Cardinal</i> . Bright red.....	1/4 oz., 50c	.25	1.80
<i>Royale</i> . Royal blue with creamy eye.....	1/4 oz., 70c	.35	2.60
<b>Spectrum Red.</b> Intense pure bright red.....	1/4 oz., 50c	.25	1.80
<i>Sutton's Giant Pink</i> .....	1/4 oz., 50c	.25	1.80
<i>Viola Stella</i> . Violet, white eye.....	1/4 oz., 50c	.25	1.80
<i>Gigantea</i> . Mixed.....	1/4 oz., 40c	.25	1.40
<b>Royal Bouquet Mixed.</b> This variety has an upright growth on straight stems, making it a good cut flower sort and a symmetrical bedding plant. The flowers are very large in many charming colors; 15-18 in.....			
.....	1/4 oz., 65c	.25	2.40
<i>Dark Blue</i> .....	1/4 oz., 40c	.25	1.40
<i>Defiance</i> . Brilliant scarlet.....	1/4 oz., 40c	.25	1.40
<i>Mayflower</i> . Pink.....	1/4 oz., 40c	.25	1.40
<i>Lutea Improved</i> . Yellow.....	1/4 oz., 40c	.25	1.40
<b>Miss Ellen Willmott.</b> Bright salmon-rose with white eye. The seed produces flowers mostly of the true type with a small percentage of varying shades.....			
.....	1/4 oz., 60c	.35	2.00
<i>Purple Mantle</i> .....	1/4 oz., 40c	.25	1.40
<b>Vaughan's Best Mixed.</b> This is unquestionably the best strain of <i>Verbena</i> seed in existence. It is composed of the best strains, all grown separately, and mixed in the right proportion. Trade pkt., 35c; 1/4 oz., 75c; oz., \$2.60; 2 oz., \$4.60.			

## Dwarf Verbenas

These are very much in favor since they make splendid pot plants, growing from 6 to 9 inches high and very compact.

<b>Carmine Ball.</b> A beautiful erecta compacta <i>Verbena</i> similar in form to <i>Fireball</i> . It forms a perfectly symmetrical plant about ten inches high and twelve inches across and is completely covered with bright carmine flowers.....			
.....	1/4 oz., 65c	\$0.25	\$2.20
<b>Blue Sentinel.</b> Rich navy blue self color.....	1/4 oz., 80c	.35	2.80
<i>Chamois</i> .....	1/4 oz., 65c	.25	2.20
<i>Dark Blue</i> .....	1/4 oz., 65c	.25	2.20
<i>Fireball</i> . Scarlet. Excellent for borders and pot plants, 6 in.....	1/4 oz., 65c	.25	2.20
<b>Splendor.</b> Flowers of intense scarlet with a contrasting large white eye. Very showy and attractive and comes true to type and rich sparkling color.....			
.....	1/4 oz., 65c	.25	2.20
<i>Venus</i> . Soft chamois pink.....	1/4 oz., 65c	.25	2.20
<i>White</i> .....	1/4 oz., 65c	.25	2.20
<i>Violet Bouquet</i> . Flower opens deep violet tinged garnet changing to deep violet, cream color eye.....	1/4 oz., 80c	.35	2.80
<b>Vaughan's Special Mixture Dwarf Verbenas.</b> This is made from separate colors and a most complete mixture. Trade pkt., 35c; 1/4 oz., 80c; oz., \$2.80.			

VERBENAS—Continued.

### Verbenas Various Sorts

Trade pkt. Oz.

<b>Bipinnatifida</b> (Fern-leaved <i>Verbena</i> ). Entirely new form. The plants reach 18 in. in height by 2 ft. wide with great piles of ferny, feathery grey-green foliage covered with clusters of lavender-blue flowers. In bloom continuously in our Trial Grounds and much admired by visitors during the season. The flowers resemble sprays of lilac candytuft.....			
.....	1/4 oz., \$1.00	\$0.35	.....
<i>Venosa</i> . Heliotrope blue, fine for bedding when combined with alyssum; used extensively in the Chicago parks, 1 ft.....	1/4 oz., 40c	.25	\$1.40
<i>Lilacina</i> . Delicate lavender-blue.....	1/4 oz., 50c	.25	1.80
<i>Erinoides</i> (Moss <i>Verbena</i> ). Purple. 1 ft.....	1/4 oz., 40c	.25	1.40
<i>White</i> .....	1/4 oz., 40c	.25	1.40
<i>Lemon</i> ( <i>Citriodora</i> ).....	.....	.....	.....
<b>Virginia Stocks. Mixed.</b> A splendid edging plant.....			
.....	lb., \$2.00	.....	.20
<i>Nana Compacta</i> . Dwarf bushes covered with bright flowers during the entire season. 8 in.....			
<i>Innocence</i> , Pure white.....	.....	.15	.60
<i>Love</i> , Bright rose.....	.....	.15	.60
<i>Crimson Gem</i> , <i>Crimson</i> .....	.....	.15	.60
<i>Mixed</i> .....	.....	.15	.50
<b>Viscaria Oculata. Mixed</b> .....			
.....	.....	.10	.40
<i>Blue Pearl</i> . Pure deep lavender-blue without eye, erect growing.....	1/4 oz., 50c	.25	1.80
<i>Rose Beauty</i> . Flowers of very bright deep rose on long stems. The habit of the plant is upright, ideal for cutting. The flower petals are fringed and laciniated. 18 inches.....			
.....	1/4 oz., 40c	.15	1.40
<i>Nana compacta oculata. Mixed</i> .....	1/4 oz., 50c	.20	1.80
<i>Coerulea Blue Bouquet</i> .....	1/4 oz., 50c	.25	1.80
<b>Xanthisma Texanum. Star of Texas.</b> One of the prettiest annuals, easily grown and deserves to be very popular. Flowers are light canary-yellow with a lighter colored center; single, daisy-like, with long, pointed petals. Stems are thin and strong, and although they are not very long, they are suitable for cutting. Quite hardy, does well in dry, open places. Plants are vigorous and very free blooming. They attain a bushy erect growth, quite branching, 18 in. high and as much across. Sow in the open in early spring.....			
.....	.....	.35	.....
<b>Xeranthemum</b> (Everlasting). Double mixed.....			
.....	.....	.15	.40
<i>Superbissimum</i> (Pompon) mixed, improvement on above.....			
.....	.....	.15	.50
<b>Zaluzianskya Villosa</b> (Lace <i>Verbena</i> ). Individual florets grow about 1/2 inch across and are so shaped as to resemble a snow crystal; most interesting and unusual. They are of a pleasing lavender color distinctly set off by a star-like spot of orange at the center. Low spreading plants 8 inches high. Long blooming season.....			
.....	1/4 oz., \$1.40	.35	.....
<b>Zea Quadricolor Perfecta.</b> Dwarf leaves striped with red, rose and yellow bands.....			
.....	lb., \$1.80	.....	.15

## ZINNIA

### PUMILA FL. PL.

This is called the "Cut and Come Again" type.

<i>Alba Plena</i> . Snowball	<i>Pinkie</i> . Rose-pink, lb., \$6.00.
<i>Canary-Yellow</i>	<i>Salmon-Rose</i> . Remarkable shade, good for cut flowers
<i>Coccinea Plena</i> . Fireball	
<i>Golden Orange</i>	
<i>Spun Gold</i> . Delicately tinted butter-yellow	Trade pkt. Oz.
Each of the above.....	\$0.15 \$0.60
<i>Mixed</i> . The above shades.....	.15 .50

**Pumila Picotee Delight Mixed.** A result of careful cross-hybridizing of the popular *Pumila Salmon-Rose* with *Giant Picotee*. The petals of the flowers are ruffled and curled, a large percentage having fringed petals with gold tips or picotee. This mixture contains an assortment of most pleasing colors.....

..... 1/4 oz., 40c .25 1.40



# Vaughan's Zinnias

Zinnias are heat loving plants and seed should not be sown until the ground and atmospheric conditions are warm. If grown in a sunny spot in well fertilized soil and watered freely, the flowers will be more completely double. Nearly all will vary somewhat in trueness.

**All-Giant Indian Summer.** Crimson, flame-scarlet, Trade pkt. Oz.  
cherry, golden yellow, white, and burnished copper.  
No magenta, lavender, or pale pink. A harmonious  
blend of dazzling brilliance without a trace of harsh-  
ness..... 1/4 oz., 50c \$0.25 \$1.60

## DAHLIA-FLOWERED 2 1/2 to 3 ft.

The plants grow tall, are well branched and the colors are very distinct and striking; the flowers are double and large size.

Attraction, brick-red	Meteor, darkest red	
Canary Bird, primrose	Old Gold, burnished shades of	
Crimson Monarch, best red	deep and old gold	
Dream, deep lavender	Old Rose	
Eldorado, rose on deep salmon	Oriole, orange and gold	
Exquisite, light rose, center rose	Pastel shades	
Golden Dawn, golden yellow	Polar Bear, white	
Golden State, rich orange	Purple Prince	
Illumination, deep rose	Scarlet Flame, bright scarlet	
Lemon Beauty		
Luminosa, bright deep pink suf-		
fused with salmon		
Each of above..... 1/2 oz., 60c; lb., \$12.00	Trade pkt. Oz.	
		\$0.25 \$1.00

**Dahlia-Flowered, Gold Medal Hybrids.** A superior mixture containing many new varieties. 1/2 oz., 60c; lb., \$12.00 .25 1.00

**Crown O' Gold.** The color range comprises the more popular florist shades, including old rose, cream, yellow, carmine and burnished red—all with golden base..... lb., \$12.00; 1/2 oz., 60c .25 1.00

**Desert Gold.** Of dual tone beauty comprising the light and deeper shades of gold, each petal overlaid at the base with a deeper golden yellow. lb., \$12.00; 1/2 oz., 60c .25 1.00

**Super Crown of Gold Pastel Tints.** Strictly a mixture of pastel tints and contains a wide color range including soft yellow, old gold, light pink, apricot pink, various salmon shades, peach, buff, lively cerise salmon as well as pure white and cream. All the flowers carry the deep golden yellow base of the Crown of Gold type and the individual color at the top..... lb., \$16.00; 1/2 oz., 80c .35 1.40

## CALIFORNIA GIANTS 3 to 4 ft.

They are larger than Colossal and a cross between that and the Dahlia-flowered types. They have smaller, flat centers, with more loosely placed petals. The petals are attractively imbricated

Brightness. Bright, deep rose	Miss Willmott. Soft pink	
Cerise Queen	Orange King. Orange scarlet	
Daffodil. Canary-yellow	Pink Profusion. Shrimp pink	
Enchantress. Pink	Purity. A clean pure white	
Grenadier. A very dark red	Rose Queen. Deep rose	
Isabellina. Creamy buttercup	Salmon Queen	
Lavender Gem.	Scarlet Queen	
Lemon Queen. Canary and	Violet Queen. Dark violet	
cerise, fragrant		
Each of the above..... lb., \$11.00; 1/2 oz., 60c	Trade pkt., Oz.	
		\$0.25 \$1.00

**California Giants, Vaughan's Special Mixed.** All colors..... lb., \$11.00; 1/2 oz., 60c .25 1.00

## FANTASY 2 1/2 to 3 ft.

The rounded flowers are composed of a mass of shaggy ray-like petals.

Orange Lady. Bright orange..... 1/4 oz., 50c	Trade pkt. Oz.	
Rosalie. Bright intense scarlet..... 1/4 oz., 50c		\$0.25 \$1.80
Star Dust. Deep golden yellow..... 1/4 oz., 50c		.25 1.80
White Light. Pure white, excellent in flower arrangements..... 1/4 oz., 50c		.25 1.80
Wild Fire. Rich dazzling scarlet..... 1/4 oz., 70c		.35 2.40
Fantasy mixed..... lb., \$14.00; 1/4 oz., 35c		.25 1.20

**Vaughan's Special Mixture** of all Giant sorts including the cream of the Dahlia Flowered, Colossal, California and Picotee mixed..... 1/4 oz., 45c .25 1.60

## GIANT-FLOWERED OR COLOSSAL

The flowers are of enormous size, thickly set with velvety petals.  
Colossal Varieties, Vaughan's special. Mixed, lb., 6.00 \$0.15 \$0.60

## HOWARD'S NEW GIANT CRESTED

See Novelty Page 4. 1/4 oz., \$1.25; pkt., oz., \$3.50.

## LILLIPUT OR POMPON 1 1/2 to 2 ft.

Flowers the size of large button type of Pompon "Mum."

Canary Yellow	Purple	
Crimson	Rose Bud	
Deep Flesh (bright pink)	Salmon-Rose, a lovely color	
Golden Gem (golden orange)	Scarlet Gem	
Orange	Valencia (burnt orange)	
Pastel Shades Mixed.	White Gem	Trade pkt. Oz.
Each of above..... 1/4 oz., 50c		\$0.15 \$0.80
Black Ruby, deep blackish maroon..... 1/4 oz., 75c		.35 2.60
Vaughan's Special Lilliput Mixture..... lb., 8.00		.15 .80

## SCABIOUS FLOWERED Harmony Type

Plants 2 1/2 to 3 ft., bearing numerous medium sized flowers, remarkably resembling the annual Scabiosa and Harmony Marigold.

Campfire. Vivid intense scarlet..... 1/4 oz., 60c	Trade pkt. Oz.	
Sunburst. Bright canary-yellow..... 1/4 oz., 60c		\$0.25 \$2.20
Autumn Tints. Mixture bronzy shades..... 1/4 oz., 50c		.25 2.20
Finest Mixed, bright shades, including crimson, scarlet, orange, yellow, pink and white..... 1/4 oz., 50c		.25 1.80

## NEW CUPID ZINNIAS (Gracillima) 1 ft.

### The Smallest of All

Compact plants about 1 ft. tall, consist of a large number of slender branches which give the plant a well rounded bushy habit. Each of the numerous upright stems bears a miniature flower which hardly exceeds 1 in. in diameter.

Tiny Tim. Rich scarlet	Snowdrop. Pure clear white	
Pixie. Bright yellow	Mixed	Trade pkt. Oz.
Each of the above..... 1/4 oz., 45c		\$0.25 \$1.40

## OTHER VARIETIES

**David Burpee.** Strikingly different, of a form never before seen in Zinnias, with the petals attractively curled and quilled. Flowers of tremendous size, measuring up to 6 inches across and from 4 to 5 inches in depth on long stems. Pastel shades predominate, such as soft cream, chamois, buff, terracotta, apricot, burnt orange, soft rose and peach. Some of the flowers are of the solid self color, while others contain combinations of 2 and 3 colors.  
..... 1/4 oz., 85c .35 2.80

**Halo.** Neat well rounded bushes, producing a wealth of dainty single blooms which are bright mahogany-red, edged golden yellow..... 1/4 oz., 50c .25 1.80

**Linearis.** The plants grew about one foot high and about 18 inches in diameter. The foliage is a neat, narrow leaf without the coarse appearance of the common garden Zinnia, to which it has little resemblance. The flowers are a beautiful orange-yellow color with a lemon-yellow stripe through each petal, single and about one inch in diameter. They literally cover the plant when in bloom..... 1/4 oz., 50c .25 1.80

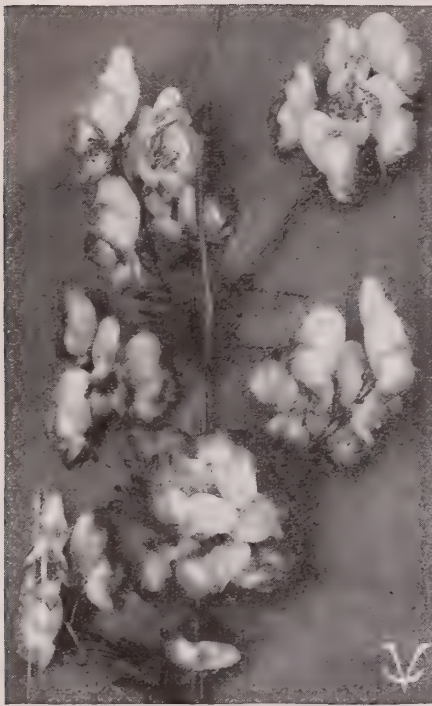
**Mexicana (Haageana) Fl. Pl., double yellow.....**  
**Hybrida. Mexican Hybrids. Double mixed. 1/4 oz., 40c** .25 1.40

**Navajo Mixed.** Flowers resemble a Picta Double Gaillardia, in both form and colorings... 1/4 oz., 35c .20 1.20

**Red Riding Hood.** Scarlet. Button type. lb., \$6.00 .15 .50

**Vaughan's Mixture of Midget Zinnias.** Single, double and semi-double flowers are produced in abundance. Rich in orange, red, maroon and yellow tones, some showing red tipped with gold, salmon and gold, pure gold and rich cream. In form, many would hardly be recognized as Zinnias. They are wonderful material for decorations..... 1/4 oz., 60c .25 2.00





ACONITUM Napellus

ANCHUSA Myosotidiflora.  
Tr. pkt., 50c.ANTHEMIS Sancta Johannis.  
Tr. pkt., 25c; ¼ oz., 80c; oz., \$2.80.

One of the most attractive of spring blooming perennials. A real gem for the border.

Rock Plants are followed by X and the heights given are of the plants when in bloom

## Seeds of Biennials and Hardy Perennials

Perennials fill a large and interesting place in the operations of an up-to-date florist establishment. Some are as easily raised as annuals; quite a few may be forced; others make fine pot plants; and many furnish splendid cutting material. The rock garden requirements absorb all the low-growing varieties and the florist with his eye to the future will devote considerable space to perennials of all kinds. They require little heat, if any, and not much care.

### SEED GERMINATES SLOWLY AND IRREGULARLY

of the following varieties and seed bed should be prepared where it will be undisturbed for a year or more.

Acanthus Mollis, Aconitum, Adonis Vernalis, Anemone, Asperula Odorata, Clematis, Delphinium Cardinale, Delphinium Zalil, Delphinium Nudicaule, Dictamnus, Dielytra, Doronicum, Gentiana, Helieborus Niger, Incarvillea, Iris, Phlox Decussata, Primulas (Alpine) Trollius and nearly all Alpines.

<b>Acaena</b> Glauca. X Silvery green foliage, for carpeting and rock steps, 2 in. ....	Trade	pkt.	Oz.	
				\$0.25
<b>Acanthus</b> Latifolius (Bear's Breech). Fine foliaged decoration plant. 3 ft. ....	.10		\$0.40	
<b>Achillea</b> Ageratum. X Yellow, scented, 24 in. ....				
<b>Filipendula</b> , Parker's Var. A splendid cut flower. The flowers, if cut when fully open, may be dried for later use. Yellow, 4 to 5 ft. ....	¼ oz., 70c	.25	2.40	
<b>Millefolium</b> Kelwayi. Magenta red, 18 in. ....	¼ oz., 50c	.25	1.80	
<b>Cerise Queen</b> . Dark cherry-red, 24 in. ....				
<b>Rubra</b> . Magenta red, 24 in. ....	¼ oz., 50c	.25	1.80	
<b>Parmica</b> Fl. Pl. The Pearl. Abundant small white flowers, for cutting, 30 in. ....	¼ oz., 70c	.25	2.40	
<b>Tomentosa</b> Aurea. X Flowers are umbells of Buttercup yellow above close set mats of silver grey foliage, 6 in. ....	½ oz., \$1.00	.50		
<b>Aconitum</b> (Monk's Hood). Fischeri. Azure Monk's hood, 1½ to 2 ft. Sept.-Oct. short spikes of clear blue flowers and bright glossy foliage. ....	¼ oz., 60c	.25	2.00	
<b>Napellus</b> . Dark blue, 36 in. ....	¼ oz., 45c	.25	1.40	
<b>Wilsoni</b> . Mid-blue, large and late flowering ¼ oz., 70c	.25	2.40		
<b>Barker's Variety</b> . Branching habit, flowers pretty amethyst blue. ....	¼ oz., 75c	.25	2.60	
<b>Mixed</b> . Blue shades. ....	¼ oz., 60c	.25	2.00	
<b>Adlumia</b> Cirrhosa. Allegheny Vine. Beautiful rose flowers. Maidenhair Fern-like leaves are borne in great profusion on slender twining stems. ....		.25		
<b>Adonis</b> Vernalis (Flower of the Gods, Ox Eye). Large golden yellow flowers, 12 in. ....	¼ oz., 50c	.25	1.80	
<b>Aethionema</b> Coridifolium (Lebanon Candytuft). Light rosy purple, 8 in. ....	½ oz., \$1.20	.35		
<b>Agatheia</b> Coelestis (Blue Daisy). Pot grown plants in greenhouse, flower more freely. Plant seed in July, place in carnation house in fall. A few plants will supply useful blossoms all winter. 40 in. ....	¼ oz., 40c	.25	1.20	
<b>Agrostemma</b> Flos Jovis. Carmine-rose, 16 in. ....	.15	.50		
<b>Hybrida</b> Walkeri. Brilliant rosy purple, 16 in. ....	.15	.50		
<b>Allwoodii</b> , see Dianthus.				

<b>Alstroemeria</b> Aurantiaca. Orange, streaked with red, 3 to 4 ft. Fine for cutting. ....	¼ oz., 70c	\$0.25	\$2.40	
<b>Chilensis</b> (Pulchella). Finest mixed. ....	¼ oz., 80c	.25	2.80	
<b>Alyssum</b> Argenteum. X Yellow-flowered, silvery foliage, 24 in. ....	¼ oz., 50c	.25	1.80	
<b>Rostratum</b> . Yellow. Free-flowering, 16 in. ....	¼ oz., 60c	.25		
<b>Saxatile</b> Compactum (Gold Dust). Golden yellow, 12 in. ....	¼ oz., 25c	.15	.80	
<b>Sulphureum</b> (Citrinum). Sulphur-yellow, 15 in. ....	¼ oz., 60c	.25	2.60	
<b>Serpyllifolium</b> . 2 to 3 in. plant, woody at base, covered with grey leaves, producing an abundance of small yellow flowers in late April and early May. ....	¼ oz., \$1.40	.35	5.00	
<b>Rock Garden Perennial Species, Mixed</b> . ....	¼ oz., 1.00	.35		
<b>Ampelopsis</b> Veitchi, Boston Ivy. Clean seed, lb., 2.00	.10	.20		
<b>Anchusa</b> Affinis. Probably the easiest to grow and without question the most graceful. Beauty lies in its gracious curves; uncurling racemes set with white-centered stars of imperial violet. Height, 40 in. Sown early it will flower first year. ....	¼ oz., 70c	.35	2.40	
<b>Affinis</b> Avalon Hybrids. Crosier sprays of delicate colors, starred in contrasting shades. ....		.35		
<b>Angustifolia</b> . Navy-blue, 36 in. ....		.25		
<b>Barrelieri</b> , Earliest, dwarf, dark blue, 2½ ft. ....	¼ oz., 60c	.25	2.00	
<b>Italica</b> , Dropmore Variety. Large, gentian-blue, excellent perennial for cutting, 6 ft. ....	lb., \$4.00	.15	.40	
<b>Dwarf Dropmore Variety</b> (Feltham Pride). Neat habit, flowers brighter blue than preceding. 3 ft. ....	¼ oz., \$1.40	.35	4.00	
<b>Lissadell</b> . Clear gentian-blue. 6 ft. ....		.15	.60	
<b>Morning Glory</b> . Clear blue, a little lighter than Lissadell but quite similar. Height about 5 ft., coming very true. Buds appear a rosy mauve but turn to clear blue as they open. ....	¼ oz., 50c	.25	1.60	
<b>Myosotidiflora</b> . X A charming plant with the exquisite blue flowers of the forget-me-not, carried on 2 ft. high stiff stems. Large heart shaped basal leaves, for rock garden or border. Flowers in April and May. This seed should be placed in refrigerator for 72 hours before sowing. ....	½ oz., \$1.80	.50	14.00	

Unless otherwise quoted we supply ½ oz. at the ounce price and 4 oz. (of a variety) at the pound price.



# Seeds of Biennials and Hardy Perennials

We suggest sowing seed of Perennials early in the spring—the seed germinates before the warm weather and the seedlings develop into large sized plants that winter over more successfully.



ARABIS Alpina.  
Tr. pkt., 15c; oz., 60c.



BELLIS Perennis Fl. Pl. Superbissima Giant  
Tr. pkt., 50c.



ARMERIA Ruby  
Tr. pkt., 50c; 1/2 oz., \$1.00.

## ANCHUSA—Continued.

Riparia. Sturdy upright plants, branching habit; flowers intense blue, dark and rich color that gives the illusion of reflecting light. A perennial that blooms the first year from seed. . . . \$0.35 . . . .

Anemone (Windflower), Coronaria. Blue. 18 in. . . . 1/4 oz., 45c .25 \$1.40  
His Excellency. X Single, scarlet, 1 ft. . . . 1/4 oz., 45c .25 1.40  
The Governor. X Double bright scarlet. . . . 1/4 oz., 55c .25 1.80

St. Brigid's Hybrids (Irish Champions). Irish-grown St. Brigids are largely favored by commercial growers on account of the lasting quality of the bloom, length of stem, and the brilliancy of colors. 18 in. . . . 1/4 oz., 80c .35 2.80

Pulsatilla. X The Pasque Flower. A singularly beautiful species with violet flowers, whole plant covered with silky hairs, needs a dry situation. Blooms in April to June. 12 in. . . . 1/4 oz., 65c .25 2.20  
Rubra. X Handsome red purple flowers. . . . 1/4 oz., 85c .30 2.80  
Sylvestris. X The "Snowdrop Anemone." A rather tall growing anemone with pure white nodding flowers in April to June, 12 in. . . . 1/4 oz., 9c .35 3.20

Anthemis Kelwayii (Hardy Marguerite). Daisy-like lemon-yellow blossoms, produced all summer. 3 ft. . . . .15 .60  
Kelwayii Alba. Hardy white Marguerite, 3 ft. . . . .15 .80  
Montana. X Charming species producing pure white flowers in abundance, 12 in. . . . 1/4 oz., 40c .25 . . . .  
Tinctoria. Very useful yellow border plant, 2 to 3 ft. . . . .15 .60  
Perry's Variety. Light yellow, varies 2 ft. 1/4 oz., 40c .25 1.40  
Sancta Johannis. Brilliant yellow flowers about 1 1/2 in. in diameter, borne singly at the termination of straight stiff leafless stems, 9 to 12 in. in length. Borne in great freedom, definite value for cutting. 1/4 oz., 80c .25 2.80

Antirrhinum Asarina. X Makes a close vertical mat of its fleshy angular stems and scalloped and ivy shaped green leaves. The large snapdragon flowers are a pale ivory yellow with a few streaks of red on lip. Appear in spring and continue all summer, 6 in. . . . .1/8 oz., 90c .25 . . . .

## AQUILEGIA X (Columbine)

Alpina. Blue. A beautiful short spurred form, 24 in. . . . 1/4 oz., 50c .25 1.80  
Buergeriana. Delicate yellow flowers tinted with purple. 1 ft. . . . .35 . . . .  
California Hybrid. A light yellow, red spur. 3 ft. . . . 1/4 oz., 50c .25 1.80  
Canadensis. Old rose with yellow, 30 in. . . . 1/4 oz., 50c .25 1.80  
Chrysantha. Light chrome-yellow, fine, 36 in. 1/4 oz., 45c .25 1.60  
Chrysantha Silver Queen. Long-spurred silvery white, 2 ft. . . . 1/4 oz., 70c .25 2.40  
Clematiflora. Mixed, light shades, spurless. . . . .50 . . . .  
Coerulea Blue. Sky-blue with white corolla. X Rocky Mt. Columbine. . . . 1/4 oz., 50c .25 1.80

## AQUILEGIA X (Columbine)—Continued.

Mrs. Nicholls. Deep blue and bolder flower than Coerulea. . . . 1/8 oz., 90c \$0.50 . . . .  
Rose Queen. Shades of rose with white corolla, 30 in. . . . 1/4 oz., 60c .25 \$2.00

Dobbie's Imperial Hybrids. A very fine selection made by a European hybridizer. . . . 1/4 oz., 85c .35 3.00  
Flabellata Nana Alba. Pure white early flowering 12 in. . . . 1/8 oz., \$1.50 .50 . . . .

Glandulosa Vera. Enormous, spurless flowers of the loveliest and purest sapphire with white corolla, 12 to 18 in. . . . .75 . . . .

Longissima. Long spurred delicate yellow. 1/16 oz., \$3.00 1.00 . . . .

Longissima Hybrids. Very long spurred variety in many attractive shades. . . . .50 . . . .

Long-Spurred Blue Shades. . . . 1/4 oz., 85c .35 2.80

Blue shades. Special selection. . . . 1/8 oz., \$1.00 50 . . . .

Copper Queen. Copper-red, straw-colored corolla, 18 in. . . . 1/4 oz., 85c .35 2.80

Crimson Star. Long spurs of rich crimson, the center is white tinged carmine, flowers 3 in. across on 2 ft. stems. . . . 1/4 oz., \$2.00; 1/8 oz., \$1.20 .50 . . . .

Orange and Scarlet Shades. . . . 1/4 oz., 90c .35 3.00

Mrs. Scott Elliott's Strain. The blooms are of large size and the spurs very long. The colors range through shades of lavender, mauve, blue, purple, white, cream, yellow, pink, red, etc. 1/4 oz., 85c. . . . .35 2.80

Special Mixture of Long Spurred Varieties. A mixture of superior American and English strains. . . . .1/4 oz., 1.00 .35 3.60

Red Riding Hood. Umbrella-like old rose calyx, above a pure white double corolla. . . . .50 . . . .

Rainbow Mixture of Colorado varieties. Many charming colors of our native Columbine. . . . 1/4 oz., 85c .35 3.00

Skinneri. Scarlet spurs with yellowish green corolla. . . . 1/4 oz., 65c .25 2.20

Talisman (Jaetschau). Large yellow with red spurs. . . . .25 . . . .

Vulgaris Compacta Edelweiss. The plants are 16 to 20 inches high, and covered with large, erect, snow-white blossoms in early spring. 1/4 oz., 85c .25 . . . .

Double White. Attractive old fashioned variety. 30 in. . . . .25 . . . .

Double Old Rose. 36 in. . . . 1/4 oz., 70c .25 . . . .

Vaughan's Special Mixture. All types. . . . 1/4 oz., 85c .35 3.00

Arabis X Alpina. White, 1 ft. . . . .lb., \$6.40 .15 .60

Alpina Grandiflora Superba. Large white, 1 ft. . . . .25 1.40

Nana Compacta. White 8 in. . . . 1/4 oz., 70c .25 2.40

Rosea, Pink. 1 ft. . . . 1/4 oz., \$1.20 .35 . . . .

Snow Cap. Extremely dwarf and compact habit, really shining snow-white cushions of flowers. . . . 1/4 oz., 75c .25 . . . .

Spring Charm. Intense carmine flowers, bushy plant. 8 in. . . . .50 . . . .



## Seeds of Biennials and Hardy Perennials

<b>Arenaria Montana.</b> X Makes broad masses of slender foliage 3 to 4 in. deep, which are smothered with large white flowers in late spring, needs sun and well drained soil, 12 in. ....	$\frac{1}{8}$ oz., \$1.00	\$0.50	
<b>Aristolochia Siphon</b> (Dutchman's Pipe). Large-leaved. ....	$\frac{1}{4}$ oz., 40c		
<b>Tomentosa.</b> Small leaf. ....	.15	.80	
<b>Armeria</b> X Alpina. Deep rose, 12 in. ....	$\frac{1}{8}$ oz., \$1.50	.50	
<b>Formosa.</b> Red. 2 ft. ....	$\frac{1}{4}$ oz., 60c	.25	2.20
<b>Formosa.</b> Large Flowering Hybrids. 2 ft. ....	$\frac{1}{4}$ oz., 40c	.25	1.40
<b>Glory of Holland.</b> Giant pink. The clear, deep, pink flowers of the size of a silver dollar are borne on straight, tall stems of 24 inches high, throughout the summer. Extra fine for cutting. ....	$\frac{1}{8}$ oz., \$1.00	.50	7.00
<b>Lauchiana.</b> Rosy crimson, 9 in. ....	$\frac{1}{4}$ oz., \$1.20	.35	4.00
<b>Maritima.</b> Lilac-rose, 12 in. ....	.50		
<b>Ruby.</b> Deep rose-colored flowers, 24 in. ....	$\frac{1}{8}$ oz., \$1.00	.50	6.40
<b>Arnica Montana</b> (Mountain Tobacco or Snuff). X Yellow, fragrant, 20 in. ....	$\frac{1}{4}$ oz., 60c	.25	
<b>Asclepias Tuberosa</b> (Butterfly Weed). Orange, fine cut flower and garden plant, 24 in. ....	$\frac{1}{4}$ oz., 50c	.25	1.60
<b>Asparagus Spitzschleier</b> (Lace Veil). Far finer in foliage density. Better than Verticillatus and just as hardy. 100 seeds, \$1.00; 250 seeds, \$2.20; 1,000 seeds, \$8.00. ....			
<b>Asperula Hexaphylla.</b> White, excellent for cutting, 3 ft. ....	.15		
<b>Odorata</b> (Woodruff). Very fragrant, white, 12 in. ....			
<b>Asphodelus Luteus.</b> Yellow, fragrant, 3 ft. ....	$\frac{1}{4}$ oz., 85c	.25	
<b>Aster Perennial.</b> Large-Flowering Varieties, mixed. ....	$\frac{1}{4}$ oz., 90c	.35	3.20
<b>Alpinus.</b> Light blue. 1 ft. ....	$\frac{1}{4}$ oz., 85c	.35	3.00
<b>Albus.</b> Pure white. 1 ft. ....	$\frac{1}{4}$ oz., \$1.25	.35	
<b>Dark Beauty.</b> Deep blue, 1 ft. ....			
<b>Goliath.</b> X Soft blue, largest flowered, fine, 15 in. ....	$\frac{1}{4}$ oz., \$1.30	.35	4.80
<b>Ruber.</b> Rosy lavender (varies). ....	$\frac{1}{4}$ oz., 85c	.35	2.80
<b>Mixed.</b> 15 in. ....	$\frac{1}{4}$ oz., 85c	.35	2.80
<b>Amellus Hybridus.</b> New named varieties, finest mixed, 30 in. ....	$\frac{1}{4}$ oz., 90c	.35	3.20
<b>Beauty of Ronsdorf.</b> Large lilac-rose flowers in great profusion; plants two feet high, branching freely; blooms in August-Sept. ....	.50		
<b>Roseus.</b> Very like the Beauty of Ronsdorf, except in color, which is a clear rose. 30 in. ....	.50		
<b>Farreri.</b> X Color is a soft tone of violet-mauve, with large golden orange disc, and flowers are from 2 to 3 inches across. June and July; creeping. ....	.50		
<b>Frikarti.</b> (Wonder of Staf). Long rayed lavender blossoms of immense size. ....	.50		
<b>Hybridus Luteus.</b> Giant sprays of primrose yellow. ....	.50		
<b>Rotundifolius.</b> X Bright yellow discs are surrounded with ray florets of a fine forget-me-not blue, 6 in. ....	$\frac{1}{4}$ oz., 85c	.35	
<b>Sub-Coeruleus.</b> Large light blue. ....	.35		
<b>Wartburg Star</b> (Star of Eisenach). May. A new giant-flowered variety of the subcoeruleus type. Bright four inch lavender-blue Marguerites with yellow centers. ....	$\frac{1}{32}$ oz., \$1.00	.50	
<b>Yunnanensis.</b> Brilliant lilac-blue, flowers in early summer, 15 in. ....	.50		
<b>Aubrietia.</b> Semi-double Hybrids. Produces 75% large semi-double flowers in all known colors of this family and many new art shades. ....	.75		
<b>New Giant Flowered.</b> All full petalled types equal to the best named varieties. Vastly superior in size and color range to any other strain raised from seed. Highly recommended. ....	.50		
<b>Large-Flowered Hybrids.</b> X Lovely dwarf spring blooming plants. Form beautiful cushions of foliage and flowers. 6 in. ....	$\frac{1}{4}$ oz., 50c	.25	1.60
<b>Bougainvillei.</b> X Dark blue, 6 in. ....	$\frac{1}{4}$ oz., 85c	.35	3.00
<b>Deltoidea.</b> X Lilac, 6 in. ....	$\frac{1}{4}$ oz., 60c	.25	2.20
<b>Eyrii.</b> X Free flowering large blue. ....	$\frac{1}{4}$ oz., 70c	.25	
<b>Graeca.</b> Large blue free flowering, 6 in. ....	$\frac{1}{4}$ oz., 60c	.25	2.00
<b>Leichtlini.</b> X Large-flowered, rosy purple. ....	$\frac{1}{8}$ oz., 45c	.25	
<b>Rosea Grandiflora.</b> X Pink, 6 in. ....	$\frac{1}{8}$ oz., 40c	.25	2.80
<b>Whitewell Gem.</b> X Glowing rosy purple with slight tinge of blue, 6 in. ....	$\frac{1}{8}$ oz., 60c	.25	
<b>Auricula.</b> See Primula.			
<b>Baby's Breath.</b> See Gypsophila Paniculata.			
<b>Baptisia Australis</b> (False Indigo). Beautiful racemes of pea-shaped indigo-blue flowers. 2-4 ft., lb., \$4.00	.10	.40	
<b>Bellis Perennis</b> X or English Daisy, 6 in. ....			
<b>Longfellow.</b> Double dark rose. ....	$\frac{1}{4}$ oz., 70c	.25	2.40

## BELLIS—Continued.

<b>Long Stemmed Excelsa Rose.</b> The lovely rose color of its large flowers, with their strong eight-inch-long stems, makes this dainty English Daisy a fine cut flower, nice for corsages, baby crib, and table decoration. ....	$\frac{1}{8}$ oz., \$1.60	\$0.50	
<b>Snowball.</b> Double white. ....	$\frac{1}{4}$ oz., 60c	.25	\$2.20
<b>White with red center.</b> ....	$\frac{1}{8}$ oz., 60c	.25	
<b>Monstrosa,</b> double pink. ....	$\frac{1}{4}$ oz., 95c	.35	3.20
<b>Double Crimson.</b> New. ....	$\frac{1}{8}$ oz., \$1.80	.50	
<b>Double Red</b> (dark rose). ....	$\frac{1}{4}$ oz., \$1.00	.50	
<b>Double White.</b> ....	$\frac{1}{4}$ oz., \$1.20	.35	4.00
<b>Double mixed.</b> ....	$\frac{1}{4}$ oz., 80c	.35	2.80
<b>Tubulosa Aetna.</b> Rich deep red. ....	$\frac{1}{8}$ oz., \$1.00	.50	
<b>Bernina,</b> white passing to pink. ....	$\frac{1}{8}$ oz., 80c	.35	
<b>Glory of Frankfurt,</b> brilliant dark red. ....			
<b>Monterosa,</b> rose. ....	$\frac{1}{8}$ oz., 90c	.50	
<b>Titlis,</b> carmine. ....	$\frac{1}{8}$ oz., 90c	.50	
<b>Mixed.</b> ....	$\frac{1}{8}$ oz., 90c	.50	
<b>Super Giant White—The largest flowered white.</b> ....			
<b>Super Giant Rose.</b> ....	$\frac{1}{16}$ oz., \$1.00	.50	
<b>Super Giant Mixed.</b> ....		.50	
<b>Tubulosa Atrosanguinea.</b> Double quilled dark red. ....		.50	
<b>Vaughan's Special Mixture.</b> ....	$\frac{1}{8}$ oz., 90c; $\frac{1}{4}$ oz., \$1.60	.50	
<b>Betonica Grandiflora.</b> Red-purple flower-heads, 1 ft. Good border plant. ....	$\frac{1}{4}$ oz., 80c	.25	
<b>Bignonia Radicans</b> (Trumpet Vine). Dark red, orange throat. ....		.15	.50
<b>Bocconia Japonica</b> (Plume Poppy). The plants grow 6 to 7 ft. high and the large finely cut leaves are topped by huge flower spikes, carrying creamy white blossoms. ....		.15	.80
<b>Boltonia Asteroides.</b> White daisy flowers, 4-6 ft. ....	$\frac{1}{4}$ oz., 70c	.25	2.40
<b>Latisqualma.</b> Delicate pink, 4-5 ft. ....	$\frac{1}{4}$ oz., 60c	.25	2.00
<b>Bupthalamum Salicifolium.</b> Yellow, 18 in. ....	$\frac{1}{4}$ oz., 40c	.25	1.40
<b>Speciosum</b> (Cordifolium). Yellow. ....		.25	
<b>Calamintha Alpina.</b> X Purple, 6 in. ....	$\frac{1}{16}$ oz., \$1.00	.50	
<b>Callirhoe Involucrata.</b> X Large crimson flowers, trailing habit, very showy, 6 in. ....	$\frac{1}{4}$ oz., 85c	.35	2.80

## CAMPANULA PERENNIAL SORTS

<b>Alliariaefolia.</b> From a dense tuft of leaves at the ground the stems rise to 2 to 3 ft. high, bear many creamy white flowers. ....	$\frac{1}{4}$ oz., 75c	.25	
<b>Carpatia</b> X (Hare Bell). Forms a quickly widening tuft of neat foliage above which are borne on slender, branched erect stems, wide cup-shaped upright blooms of a glistening light violet blue, 9 in. ....	$\frac{1}{4}$ oz., 30c	.15	1.00
<b>Alba.</b> X White, 9 in. ....	$\frac{1}{4}$ oz., 30c	.15	1.00
<b>Mixed.</b> X. ....	$\frac{1}{4}$ oz., 30c	.15	1.00
<b>Collina.</b> X Upright, compact, bushy habit. In May and June are thickly covered with intense campanula blue pendent flowers. Excellent for rockery and alpine gardens. ....		.50	
<b>Fragilis.</b> Blue Star of Bethlehem. Blue, splendid for hanging baskets. ....		.50	
<b>Garganica.</b> X A compact and tufty plant with pendant flowering branches. The flowers are blue shading off to paler blue in summer. 4 in. ....	$\frac{1}{32}$ oz., \$1.50	.75	
<b>Glomerata Superba</b> (Clustered Bellflower). Beautiful dark violet flowers borne in clusters at the top and all the way up the stalks. June-July. 20 in. ....		.50	
<b>Lactiflora Coerulea.</b> Light blue, 3 ft. ....	$\frac{1}{4}$ oz., 50c	.25	1.80
<b>Latifolia Macrantha.</b> Blue, large-fl., 40 in. ....	$\frac{1}{4}$ oz., 60c	.25	2.20
<b>Macrantha Alba.</b> White, 40 in. ....		.35	
<b>Persicifolia</b> (Peach Bell) Alba. White, fine, 30 in. ....	$\frac{1}{4}$ oz., 50c	.25	1.80
<b>Alba Plena.</b> Double white. ....		.25	
<b>Grandiflora Fl. Pl. Moerheimi.</b> Flowers large, semi-double, cup-shaped, pure white. 2 ft. ....		.50	
<b>Coerulea.</b> Blue, 30 in. ....	$\frac{1}{4}$ oz., 50c	.25	1.80
<b>Coerulea Plena.</b> Double blue, 30 in. ....	$\frac{1}{4}$ oz., 80c	.25	2.80
The double varieties of Campanula Persicifolia come about 50% true from seed.			
<b>Telham Beauty.</b> Very large bells of China blue, varies, 30 in. ....	$\frac{1}{8}$ oz., \$1.20	.50	
<b>Wedgewood.</b> A fine development of Campanula Persicifolia with larger flowers of deep violet blue. A choice perennial that will do good in full sun or partial shade. If sprays of buds are cut and put in water, they open to charming flowers which are useful for decorative purposes. ....		.50	
<b>Single mixed.</b> ....	$\frac{1}{4}$ oz., 60c	.25	2.20

Rock Plants are followed by X and the heights given are of the plants when in bloom.



# Seeds of Biennials and Hardy Perennials

CAMPANULA (Perennial)—Continued.

Trade pkt. Oz.

Pusilla. X Thimble shaped flowers of rich blue, carried on stems 4 in. high, which rise from a tuft of small, soft green leaves, July, 4 in.	.....	\$0.50	.....
Pyramidalis Alba. White, 5 ft.	..... 1/4 oz., 50c	.25	\$1.80
Blue. Lavender-blue, 5 ft.	..... 1/4 oz., 50c	.25	1.80
Mixed.	..... 1/4 oz., 45c	.25	1.80
Rainieri. Charming Alpine plant, erect blue flowers, 3 in.	.....	.....	.....
Rotundifolia (Scotch Blue Bell). X Slender branching stems, covered with dainty frail blue flowers. Blooms in July and again in fall, 6-12 in.	..... 1/4 oz., \$1.20	.35	4.00
Olympica. X Light blue. 10 to 12 in.	..... 1/16 oz., 1.00	.50	.....
Trachelium (Coventry Bells). Crowded heads of lavender-blue flowers, 2-3 ft., varies.	.....	.15	1.00
Turbinata. X Forms close mats of foliage and bears large cup-shaped flowers of blue, sitting close to the plant and fairly smothering it.	..... 1/8 oz., 65c	.35	.....
Alba. X White, 18 in.	.....	.50	.....
Perennial Varieties. Mixed.	..... 1/4 oz., 50c	.25	1.80
Rock Garden Varieties. Mixed.	..... 1/4 oz., 75c	.25	.....

## CAMPANULA BIENNIAL SORTS

Medium Calycanthema, Cup and Saucer. Blue, Rose and White, each 36 inch.	..... 1/4 oz., 40c	.15	1.40
Calycanthema Mixed.	..... 1/4 oz., 40c	.15	1.20
Dwarf Canterbury Bells. Mixed. A neat dwarf compact type with glorious giant flowers of various colors. It is very floriferous and is ideal for spring bedding. 20 in.	..... 1/4 oz., 60c	.25	2.00
Single. Canterbury Bell. Blue, Lilac, Rose, White, 36 in., each.	.....	.10	.40
Single Mixed.	.....	.10	.30
Double Blue.	..... 1/4 oz., 30c	.15	1.00
Rose.	..... 1/4 oz., 45c	.20	1.40
White.	..... 1/4 oz., 45c	.20	1.40
Mixed.	..... 1/4 oz., 35c	.15	1.00
Double and single mixed.	.....	.15	.60

Candytuft X Gibraltarica. 1 ft. Large flowers, lilac shaded to white.	..... 1/4 oz., 25c	.15	.80
Jucunda (Lebanon Candytuft). Dwarf pretty pink, 4 in.	..... 1/8 oz., \$1.20	.35	.....
Queen of Italy. Dwarf evergreen foliage, rosy lilac, 10 in.	.....	.15	.60
Sempervirens, 12 in. White.	..... 1/4 oz., 50c	.25	1.40
Tenoreana, 16 in. Lilac and white.	..... 1/4 oz., 25c	.15	.80

Canterbury Bells. See Campanula Medium.

Carnation, Vienna Dwarf. Mixed.	..... 1/4 oz., 50c	.25	1.80
Vienna Dwarf. White.	..... 1/4 oz., \$1.00	.35	.....
Pink.	.....	.35	.....
Grenadin Red. Half high. 20 in.	..... 1/4 oz., \$1.00	.35	.....
Red. Dwarf. 14 in.	..... 1/4 oz., \$1.00	.35	3.20
Golden Sun. Golden yellow.	..... 1/4 oz., \$1.00	.35	3.20
White, 20 in.	..... 1/4 oz., \$1.00	.35	3.20
Tausendschon. Soft salmon-rose to bright pink.	..... 1/4 oz., 90c	.35	3.20
Triumph Rose, 20 in.	..... 1/4 oz., \$1.00	.35	3.20
King of the Blacks. Darkest red, very fine. 20 in.	..... 1/4 oz., \$1.00	.35	3.20
Mixed	..... 1/4 oz., 90c	.35	3.00

Caryopteris Mastacanthus Superbus Mixed. An interesting shrubby plant 2 ft. tall. Early raised from seed. Blooms freely during September and October, silvery green foliage.	..... 1/4 oz., 50c	.25	.....
Blue. Known as "Blue Spiraea."	.....	.25	.....
White.	.....	.25	.....

Cassia Marylandica (Indian Senna). Racemes of showy yellow flowers, 30 in.	..... 1/4 oz., 40c	.25	1.40
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Catananche Coerulea. Blue with dark eye, fine, everlasting 30 in.	..... 1/4 oz., 40c	.25	1.40
Coerulea Alba, White, dark eye, 30 in.	..... 1/4 oz., 40c	.25	.....

Centaurea Dealbata. Rose flowers. Graceful silvery leaves, 18 in.	..... 1/4 oz., 40c	.25	1.40
Macrocephala. Radiant yellow thistle-like blooms often 4 in. across, 36 in.	..... 1/4 oz., 40c	.20	1.20
Montana. Cornflower blue, 24 in.	..... 1/4 oz., 35c	.25	1.00
Alba. White, superb large flowers, 24 in.	..... 1/4 oz., 35c	.20	1.00
Ruthenica. Light yellow, 4 ft.	..... 1/4 oz., 80c	.25	2.80
Perennial sorts mixed.	..... 1/4 oz., 60c	.25	2.00

Cephalaria Alpina. Sulphur-yellow, 5 ft.	..... 1/4 oz., 75c	.25	.....
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Cerastium X Tomentosum (Snowin Summer). Silvery white foliage, white flowers, 16 in.	..... 1/4 oz., 40c	.25	1.40
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SHASTA DAISY—Diener's Double Giant

Cheiranthus Allionii. Brilliant orange, 16 in., lb.	.....	\$3.00	\$0.10	\$0.30
Golden Bedder. A deep golden yellow. The individual flowers are larger than the Allioni. It is sweetly scented, long flowering (especially if the seed pods are not allowed to form).	..... 1/4 oz., 25c	.15	.80	.....
Kewensis, Winter-blooming Wallflower. Fragrant flowers, sulphur passing to gold and violet, 30 in.	..... 1/4 oz., 65c	.25	.....	.....
Linifolius. Lilac, 18 in.	..... 1/4 oz., 40c	.15	1.30	.....
Chelone Barbata Coccinea. Scarlet with yellow, 4 ft.	.....	.15	.80	.....
Barbata Praecox. (Early Flg.) Pink to cherry-red, in pretty spikes; a desirable cut flower. 3 to 4 ft.	.....	.15	.60	.....
Torreyi. Brick-red, 4 ft.	..... 1/4 oz., 30c	.15	1.00	.....
Hybrida. Mixed, 4 ft.	.....	.15	.60	.....
Nana. Dwarf Mixed, 16 in.	..... 1/4 oz., 50c	.25	.....	.....
Clove Pink. See Dianthus Plumarius.	.....	.....	.....	.....

## CHRYSANTHEMUM

Leucanthemum (Spring Marguerite). Early flowering, white, 36 in., "Mother's Day."	.....	.15	.80	.....
Maximum Avalanche. Forms compact bushes 2 ft. high. Producing large white Marguerites, practically covering the plant.	..... 1/4 oz., 25c	.15	.80	.....
Dwarf Bouquet. Blooms from seed the first year. Forms a bouquet of pure white flowers in a dainty and elegant manner. The blooms have very small centers. Plants are 12-15 inches tall. The stems come from the base and do not branch.	..... 1/4 oz., 60c	.25	2.00	.....
King Edward VII. White.	..... 1/4 oz., 25c	.15	.80	.....
Laciniatum, Comet Marguerite white, 3 ft.	.....	.25	.....	.....
Mrs. C. Lothian Bell. Single white, 3 ft.	..... 1/4 oz., 40c	.25	1.40	.....
Elder Daisy. Early blooming, smaller flowering than Alaska, but more flowers.	..... 1/4 oz., 25c	.15	.80	.....
Conqueror (Victor). Giant flowered white	..... 1/4 oz., 25c	.15	.80	.....
Korean Hybrids. Seed saved from a large acreage of experimental crosses representing a wonderful range of magnificent colors. Large flowering single and semi-double.	..... 1/8 oz., \$2.00	1.00	.....	.....
Mawii. Rich pink flowers two inches across, silvery foliage, 1 ft.	..... 1/4 oz., \$1.20	.35	.....	.....
Cimicifuga Simplex. Shade loving perennial. Feathery racemes of pure white, slender drooping spikes.	..... 1/4 oz., 50c	.25	1.80	.....
Clematis Paniculata. Panicles of misty white, fragrant flowers in late summer.	..... lb., \$3.20	.10	.30	.....
Recta Grandiflora. Dark leaved. This is an improved strain, possessing a compact habit and not sprawly as is the usual character. The foliage is a rich dark glossy green, which is much more effective than the light green of the type.	..... 1/4 oz., 65c	.35	2.00	.....



## Seeds of Biennials and Hardy Perennials

Columbine. See Aquilegia.

Trade pkt. Oz.

- Coreopsis Lanceolata** Grandiflora. Very large golden yellow flowers, long stemmed, excellent for cutting. .lb., \$2.40 \$0.10 \$0.30
- Lanceolata Auriculata** Superba Diadem. Dark yellow with band of brownish red around disc. 3 ft. .15 .60
- Double Sunburst** (Double New Gold). Large double flowers 1½ to 2 in. across. .¼ oz., 25c .15 .80
- Mayfield Giant**. Best large deep golden yellow . .15 .60
- Verticillata**. 18 in. Heads of rich golden yellow flowers on tall, erect yet slender stems. Leaves feathery. In a well drained pocket on a sunny bank, it will soon increase and flower profusely. .25 . . . .
- Corydalis** X **Cheilanthes** folia. Fern-like foliage, golden yellow flower spikes. April-Oct. 20 in. .50 . . . .
- Sempervirens** Rosea. Another exquisite plant with beautiful blue gray lacey foliage, lovely air swung blossoms in purest pink with gold tip. 12 to 18 inches . . . . ½ oz., \$1.20 .50 . . . .
- Crucianella** X **Stylosa**. A pretty rock and border plant, makes low delicate masses 6 in. or so in height with pretty pink flowers. .15 .60
- Cyclamen** X **Europaeum**. Bears rosy crimson sweet scented flowers from July to Nov., the leaves appearing before and with the flowers. The foliage is marbled with silver remaining all winter, drying off in spring. . . . . 100 seeds, 50c; 1000 seeds \$3.50 . . . . .
- Cynoglossum Nervosum**. A grand new perennial, large blue flowers. . . . . ½ oz., 90c .35 . . . .
- Daisy**. See *Bellis*, *Agathea*, *Chrysanthemum Maximum* and *Pyrethrum*.

# Delphinium

**PACIFIC GIANT** (Vetterle and Reinelt). This new strain produces plants that are 60 to 65 per cent mildew resistant. The flowers are of immense size, tightly set on straight stems that are strong and whippy. The flowers **do not shatter** and represent a truly outstanding addition to the cut flower market.

**Black Knight Series**. The darkest of them all. Individual flowers of beautiful round form, with heavy velvety texture, which gives the color luminosity and vividness not seen before. Trade pkt., \$1.25; ½ oz., \$3.00.

**Blue Bird**. A clear medium blue with huge tall spikes. The most outstanding novelty. Trade pkt., \$1.25; ½ oz., \$3.50.

**Blue Jay**. Medium to dark blue with dark bee. Trade pkt., \$1.25; ½ oz., \$3.00.

**Cameliard Series**—This is a pure lavender self, with white bee, possessing classical perfection of form of the individual flowers, which are very round and flat. Beautifully balanced spikes combine with excellent growing habits. Trade pkt., \$1.25; ½ oz., \$3.50; ¼ oz., \$6.50.

**Galahad Series**. Clear white of enormous size, averaging three inches in diameter of individual flowers with very heavy glistening texture, pyramidal spikes with well spaced flowers, good branching habit, strong whippy stems with a high percentage of mildew resistance. Trade pkt., \$1.50; ½ oz., \$4.00; ¼ oz., \$7.00; oz., \$24.00.

**Guinevere**. Light pink lavender self with white bee. Individual floret 2½ to 3 inches in diameter, large spikes. Excellent branching habits. For cut flowers and show purposes. Mildew resistance 50 to 70 percent. Trade pkt., \$1.25; ½ oz., \$2.50; ¼ oz., \$4.20; oz., \$15.00.

**King Arthur**. Brilliant royal violet with large white bee. Individual florets 2½ inches in diameter, very thin woody stems with small foliage. Very long graceful spikes. Excellent for both cut flower and show purposes. Mildew resistance from 80 to 90 percent. Trade pkt., \$1.25; ½ oz., \$2.50.

**Lancelot Series**. A new color in Delphinium of pure lilac self tone with white bee. Individual flowers 2 to 2½ inches in diameter. The growth has all the desirable characteristics making it an ideal cut and show flower. Trade pkt., \$1.25; ½ oz., \$2.00; ¼ oz., \$3.80; oz., \$12.00.

**Summer Skies**. Clearest light blue with white bee. Individual florets 2 to 2½ inches in diameter. Thin woody stems with very strong branching habits. Ideal for cut flower purposes. Mildew resistance 40 to 60 percent. Trade pkt., \$1.25; ½ oz., \$2.50.

**Round Table Series**. As the name implies this represents all of the color combinations of the above Knights and their Ladies. This year some three hundred different crosses were used to make up this group, combining all the newest color developments and possessing size that will make them invaluable for show purposes. Trade pkt., \$1.25; ½ oz., \$2.00; ¼ oz., \$3.50; oz., \$12.00.



DELPHINIUM PACIFIC HYBRIDS

DELPHINIUM—Continued.

**Clear White** Individual florets 2 to 2½ inches in diameter. Well placed on large well balanced spikes. Clear glistening white with heavy texture. Excellent for show purposes. Not Mildew resistant. Trade pkt., \$1.25; ½ oz., \$2.50; ¼ oz., \$4.00; oz., \$14.00.

**Pacific Giant Dark Blue Shades**.

**Pacific Giant Light Blue Shades**.

**Pacific Medium Blue Shades**.

**Pacific Giant Lavender Pastel Shades**. Color range from light lavender to deep smokey lavender, generally of two tone combinations with brown or black bees.

**Pacific Giant Mixed**. This is a mixture of the above 4 and white.

**Each of above 5**: Trade pkt., \$1.00; ½ oz., \$2.00; ¼ oz., \$3.50; oz., \$12.00.

**Blackmore and Langdon Strain, Mixed**. Tall, graceful Tr. pkt. Oz.

spikes covered with blooms. All the clear shades of blue with many delightful opaline variations, with bees of contrasting colors. ¼ oz., 80c; . . . . .

. . . . .lb., \$34.00 \$0.50 \$2.80

**Wrexham Strain** (Hollyhock Delphinium). The chief distinguishing features of the "Hollyhock" Delphiniums are the extraordinary length and the tapering and spire-like shape of the spikes; the indescribably rich and varied tints; the very remarkable extension of the flowering period. . . . .lb., \$52.00; ¼ lb., \$15.00; ¼ oz., \$1.35 .50 4.80

**Wrexham Strain**. Art shades. . . . . ¼ oz., \$1.65 .75 6.00

**Deep Blue Shades**. . . . . ¼ oz., 1.65 .75 6.00

**Light Blue Shades**. . . . . ¼ oz., 1.65 .75 6.00

**Mid-Blue Shades**. . . . . ¼ oz., 1.65 .75 6.00

**Double Selecta**. Extra double new hybrids, mixed, producing 90% extra double flowers of large size and excellent color variation. . . . . ¼ oz., \$1.65 .50 6.00

**Gold Medal Hybrids**. Extra choice strain. .lb., \$14.00 .25 1.40

**Vaughan's Special Mixture**. Perennial varieties. . . . . ¼ oz., \$1.35 .50 5.00

**Belladonna**. Blue Grotto. Deep blue, bee royal purple with cream center. . . . . ¼ oz., 70c .35 2.40

**Light Blue, Improved**. Light blue, large flowered, strong grower, 4 to 5 ft. . . . .lb., \$26.00 .35 2.40

**Lamartine**. The flowers are a rich, deep blue with a pure white eye. It makes a sturdy, vigorous, healthy plant five feet tall which blooms from June until frost. . . . . ¼ oz., \$1.20 .50 4.00

**Bellamosum Improved**. Large deep blue flowers, uniform in color with a white bee. 4 to 5 ft. . . . .lb., \$28.00; ¼ oz., 65c .35 2.20



# Seeds of Biennials and Hardy Perennials

DELPHINIUM—Continued.

Trade pkt. Oz.

Cardinale. Fine scarlet flowers, yellow center, 30 in.	1/4 oz., 65c	\$0.35	\$2.20
Chinense Album Grandiflorum. White, 36 in.	.20	.80	
Coeruleum Special Market Strain. Gentian-blue, fine for cutting.	.50		
Cambridge Blue. Rich belladonna blue.	1/4 oz., 60c	.35	2.20
Dark Blue. 36 in.	1/4 oz., 35c	.20	1.00
Azure Fairy. Soft azure-blue, 20 in.	.20	1.20	
Tom Thumb Ultramarine. A dwarf species, with fine feathery foliage with beautiful flowers in open panicles in ultramarine-blue, 1 ft.	.20	1.00	
Mixed.	.15	.80	
Elatum Hybridum Indigo, True Blue. 5 ft.	1/4 oz., 80c	.35	2.80
Nudicaule. X Brilliant scarlet with peach-red interior, 30 in.	1/4 oz., 90c	.35	3.20
Zalil or Sulphureum. Yellow, orchid-like flowers, 6 ft.			
Daisy, Shasta, Alaska. Best white, American-grown, 40 in.	1/4 oz., 30c	.15	1.00
Diener's Giant Double Shasta. Flowers five inches across resemble giant asters, on long wiry stems. Blooms over a period of several months. The first year flowers appear with a high percentage of Singles. The second year they act like Pyrethrum Double in that they show practically 100% doubles.	1/8 oz., \$1.80	.50	10.00
Diener's New Giant Double Ever-Flowering Shasta Daisy G. Marconi. The largest Shasta Daisy today, the flowers are around seven inches in diameter and stems 2 1/2 to 3 feet long. Originator's seed.	.50	....	
Diener's Fancy Chiffon Shasta Daisy Glendale. The flowers are 2 inches across, have fringed and lacinated petals, interlaced, which are borne on strong stems. Seed from originator.	.50	....	
Westralia. Very large and early. White. 40 in.	1/4 oz., 30c	.15	1.00
White Lady. Earlier than Giant Double but not as large, produces quite a number of flowers the first year if sown early. The percentage of doubles is about 50%.	.50	....	

## DIANTHUS BARBATUS—Sweet William

Double Blood-red (Atrosanguineus pl.) 20 in.	.15	1.00	
Roseus. Double Pink.	1/4 oz., 50c	.25	1.60
Nigrescens. Almost black.	1/4 oz., 40c	.20	1.20
Salmon-Rose.	1/4 oz., 85c	.35	3.00
White.	1/4 oz., 45c	.25	1.40
Mammoth Flowered. Mixed.	1/4 oz., 70c	.35	2.40
Dwarf Midget Mixed.	1/4 oz., 50c	.25	1.80
Seedlings of all Double Sweet Williams produce about 40 per cent of single-blooming plants.			
Single Blood-red (Atrosanguineus).	.15	.60	
Copper-Red.	.15	.80	
Diadematus. Crimson with white eye.	.15	.60	
Garnet Red with a white eye.	.25	....	
Giant Auricula Eyed. White ground.	....	....	
Giant White. A very large variety.	1/4 oz., 40c	.20	1.20
Homeland. A most unusual color, dark red with large, sharply defined clear white center. New.	.75	....	
Nigrescens. Very dark, almost black.	.15	.60	
Newport Pink (Pink Beauty). Salmon-pink.	1/4 oz., 35c; lb., \$12.00	.20	1.00
Pink Beauty. Clear pink.	1/4 oz., 25c	.15	.80
Purple Beauty. Bright deep purple.	1/4 oz., 45c	.20	1.40
Scarlet Beauty. Scarlet.	1/4 oz., 45c	.20	1.40
Turkey-Red.	1/4 oz., 35c	.15	1.00
Dwarf Midget Mixed.	1/4 oz., \$1.40	.50	5.00
Superb Mixture of New Colors.	1/4 oz., 50c	.25	1.60
Mammoth Flowered. Single mixed.	lb., \$6.00	.15	.60
Vaughan's Special Mixture. Double and single of above choice varieties.	1/4 oz., 70c	.35	2.40

## DIANTHUS PLUMARIUS—Clove Pinks X

Albus Plenus. Double white.	1/4 oz., \$1.40	.50	5.00
Cyclops. Red Hybrids.	1/4 oz., 70c	.35	2.40
Highland Queen. Bright crimson.	.50	....	
Highland Rose Hybrids Mixed.	1/4 oz., \$1.00	.35	3.60
Little Jock Hybrids. The compact plants produce a multitude of pretty fringed flowers, about an inch across, in varied tints of pink, rose and white, mostly with a deep zone, and quite 50% of them are double.	....	....	
Scoticus fl. pl. Double-Scotch. Mixed. An extra choice strain.	1/16 oz., \$1.25	.75	....



## SWEET WILLIAM Single "Midget" MIXED COLORS

The habit of this Sweet William Dwarf Alpine Mixed is of a ball type, grows from three to four inches tall. The blooms, which almost entirely cover the foliage, are quite large flowered. This little Sweet William should make a wonderful perennial border and pot plant. The color range is from white, chamois, salmon, scarlet, brick red to maroon, with most of the blooms being tri-colored.

Trade pkt., 50c; 1/4 oz., \$1.40; oz., \$5.00.

DIANTHUS PLUMARIUS—Continued.

Tr. pkt. Oz.

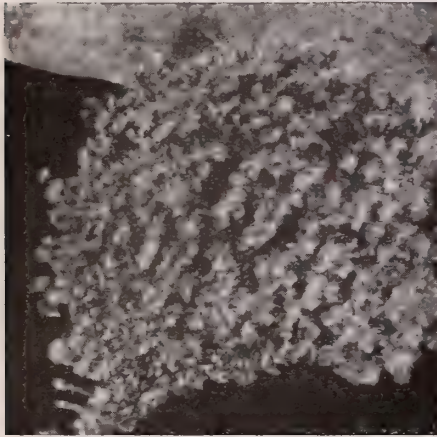
Spring Beauty. Double giant-flowered carnation-like in form and size and with a beautiful color range. Very fragrant.	1/4 oz., 90c	\$0.35	\$3.20
Double. Fine mixed.	1/4 oz., 50c	.20	1.80
Double Early-Flowering. Dwarf Mixed 10 in.	1/4 oz., 60c	.25	2.00
Semperflorens. Double and Semi-Double Mixed.	1/4 oz., 30c	.15	1.00
Vaughan's Special Mixture.	1/4 oz., 85c	.35	2.80

## DIANTHUS—SORTS

Allwoodii. X 18 in. Mixed colors. Hybrid between Carnation and Pink, very floriferous.	1/8 oz., \$1.00	.35	....
Alpinus. Mixed colors. X Glossy leaves, large flowers various shades of pink and rose on 4 in. stems.	1/4 oz., \$1.20	.35	....
Arenarius. Sand Pink. Small white fringed.	8 in.	.25	2.40
Barbatus X Chinensis, Mixed (Annual Sweet William). Blooms from seed the first year.	1/4 oz., 70c	.15	.60
Carthusianorum Giganteus 40 in. The tallest Dianthus, crimson pink flowers.	....	.35	....
Caesius (Cheddar Pink). X Dense tufts of glaucous blue foliage and large rose-colored flowers.	1/4 oz., 40c	.15	1.20
Delight. There is a bewildering range of colors, from the palest pink down to the deepest purple; the predominating shades are velvety rich reds; many have the eye of a Sweet William.	1/4 oz., \$1.40	.25	....
Deltoides Brilliant (Maiden Pink). X Very bright red variety.	1/4 oz., 50c	.25	1.80
Major Stern's Variety. Bright crimson, dark foliage.	1/4 oz., 70c	.25	2.40
Graniticus. X Carmine. 9 in.	1/4 oz., 60c	.25	2.00
Knappi. Clusters of clear golden yellow flowers appear above the grassy green foliage.	1/8 oz., \$1.50	.50	....
Latifolius Atrococcineus pl. A beautiful outdoor Pink, of deep crimson color, semi to full double flowers, borne on stout stem, 15 to 18 in. high.	1/4 oz., 25c	.15	.80
Loveliness. The flowers have large lacinated petals of a most exquisite mauve pink, but the most fascinating of all is their delightful fragrance.	1/16 oz., \$1.20	.50	....
Neglectus X (Glacier Pink). Is about 3 in. high with close tufts of foliage and many very fine salmon pink flowers.	1000 seeds, \$2.40; 100 seeds, 30c	....	....
Rose Cushion. From a little cushion of grey-green foliage that is evergreen in character, hundreds of straight stems arise and in late May the flowers appear as if by magic. The color is pure pink, flowers about 3/4 in. across, plants about 3 to 4 in. tall.	1/16 oz., \$1.00	.35	....



# Seeds of Biennials and Hardy Perennials



DIANTHUS Neglectus Rose Cushion



MYOSOTIS Alpestris



DORONICUM

## DIANTHUS—Continued

	Trade	pkt.	Oz.
<b>New Blue.</b> The color is a bright lavender-blue, foliage deep green, and the flowers are in trusses about 9 inches high. Flowers in July, August, September. 250 seeds, \$1.00 net. ....			
Sweet Wivelsfield Single mixed. Especially adapted for perennial borders and rock gardens. Excellent cut flower. 1 ft. ....	1/4 oz., 25c	\$0.15	\$0.80
Sweet Wivelsfield Double mixed. ....	1/4 oz., 50c	.25	1.60
Best Rock Work Species Mixed X. ....	1/4 oz., 60c	.25	2.20
Vaginat. Fine rock plant, cardinal red flowers. ....		.50	
Winteri. A Pink of striking beauty. Single, bold form, delightful pure colors, fragrant, blooms from seed first year. Compact habit, 9 in., 1/8 oz., \$1.40		.50	
<b>Dicentra Eximia</b> (Plumy Bleeding Heart). Dwarf, 12 in. ....	1/4 oz., 90c	.50	3.00
<b>Dictamnus Fraxinella</b> (Gas Plant). Pink flowers with dark veins, 30 in. ....	1/4 oz., 45c	.25	1.40
Fraxinella Albus. White, 30 in. ....	1/4 oz., 50c	.25	1.80
Mixed. ....	1/4 oz., 50c	.25	1.80
<b>Dielytra Spectabilis</b> (Bleeding Heart). ....	1/8 oz., \$1.50	.50	10.00

## DIGITALIS (Foxglove)

Canariensis. Canary-yellow, 3 ft. ....	.50	
Hybrida Lutzii. Salmon hybrids, 4 ft. ....	1/4 oz., 25c	.15 .80
Gloxiniiflora. Mixed, spotted flowers, 4 ft. ....	.15	.50
Alba. White. ....	.15	.60
Purple. ....	.15	.60
Rose. ....	.15	.60
Isabellina. A good yellow. ....	1/4 oz., 50c	.25 1.60
Shirley Hybrids. Mixed. Enormous flowers, rich mixture, 6 to 7 ft. ....	.15	.80
Grandiflora. Chrome-yellow (Ambigua), 36 in. ....	.15	1.00
Maculata Iveryana. Spotted varieties, 4 ft. ....		
Purpurea Monstrosa. Mixed, 3 ft. Long spikes surmounted by one enormous flower. ....	.15	.80
Vaughan's Special Mixture	.15	.80

<b>Doronicum</b> Caucasicum. Large daisy-like flowers have long stems and keep fine when cut. Divisions potted up in Dec. are easily flowered in a cool greenhouse in Feb. 2 ft. Seed germinates slowly. 1/16 oz., \$1.00	.50	
Pardalianches Bunch of Gold. Long stemmed canary-yellow. ....	.50	
Plantagineum Excelsum. Deep chrome yellow. ....		
<b>Echinacea</b> Purpurea Hybrida (Coneflower). Mixed. Superb varieties. ....	.35	

## FORGET-ME-NOT (Myosotis)

<b>Alpestris</b> Blue Basket. Best, deepest blue. ....		
<b>Blue Eyes.</b> Bright blue with white eye, large, early		
..... 1/4 oz., 90c	.25	

Rock plants are followed by X, and the heights given are of the plants when in bloom.

## FORGET-ME-NOT—Continued.

	Trade	pkt.	Oz.
Indigo Blue (Royal Blue). 12 in. ....	1/4 oz., 60c	\$0.25	\$2.00
Blue Compacta. Deep blue. ....	1/4 oz., 90c	.35	3.20
Rosea. 12 in. ....		.25	
<b>Stricta.</b> Blue Bouquet. A compact, upright grower of the pillar or column type, completely smothered with flowers of bright blue. 1 ft. ....	1/8 oz., \$1.00	.50	
Pink Bouquet. Pink. 1 ft. ....			
Indigo Blue Bouquet. Dark blue. 1 ft. ....		.50	
White Bouquet. ....		.50	
Bouquet mixed. ....			
Victoria. Dwarf globular strain. 8 in.:			
Sky-blue. Excellent variety. ....			
Indigo Blue. Fine dark blue. ....	1/4 oz., \$1.00	.35	
Rosea. Pink. ....		.35	
White. ....		.35	
Dissitiflora. Rich blue, early and compact. ....		.35	
Oblongata Perfecta. Early and late flowering. 1/4 oz., 50c		.25	1.40
Palustris. Semperflorens. Dwarf, blue, in flower from early spring until autumn, 1 ft. ....	1/4 oz., 70c	.25	2.40
<b>Vaughan's Early Blue Bird.</b> An extra early flowering strain of Blue Bird type and color. Should be used exclusively for cutting and valuable for pots or bedding. ....	1/4 oz., 85c	.35	2.85
<b>Hybrida</b> Ruth Fischer. Neat and compact habit, and the lovely blue flowers shoot up strongly over the glossy dark green foliage, 10 in. ....		.50	
Star of Love. Dwarf blue, 8 in. ....			
Compacta Annemarie. Large dark blue flowers, compact habit, most beautiful forcing variety, 6 inches high. ....		.50	
<b>Echinops</b> (Globe Thistle) Ritro. Blue, 5 ft. ....		.10	.40
<b>Edelweiss.</b> X Large-flowered, 6 in. ....		.35	
<b>Eremurus</b> , known as Fox tail lilies and Desert Candles, takes 4 to 5 years to flower from seed. Stratify seed in sand for a couple of months. You can then sow them in flats or pans, leaving them in a cold frame and exposing them to a good freezing.			
<b>Eremurus</b> Robustus, Pink, 7 ft., 100 seeds 30c; 1000 seeds \$2.20. ....			
Himalaius White. ....			
Mixed. ....	1/4 oz., \$1.20	.35	4.00
<b>Erigeron</b> Speciosus Hyb. Grandiflorus. Rosy lilac, 30 in. ....	1/4 oz., 50c	.25	1.80
Speciosus Hybridus Semi-plenus, semi-double lavender varies. 1 1/2 ft. ....	1/4 oz., \$1.20	.35	
Double Beauty. Ideal subject for herbaceous border and attractive violet blue cut flowers, 2 1/2 ft. ....		.50	
Coulteri. Forms neat clumps about 10 in. tall and the large white rayed blossoms with yellow centers come in June. ....	1/4 oz., \$1.00	.35	3.60
Grandiflorus Elatior. Rosy, 24 in. ....			





GAILLARDIA Grandiflora Maxima Aurea

## Seeds of Biennials and Hardy Perennials

	Trade pkt.	Oz.
<b>Erinus</b> × <b>Alpinus</b> . Purple, for borders, 6 in. ....	\$0.50	....
<b>Eryngium</b> <b>Amethystinum</b> . Amethyst-blue, 3 ft. ....		
Bourgatii. The leaves deeply cut have light veins which are very attractive. The stems, flower-heads and radiant pointed petals are steel-blue. ....	.50	....
Planum. Cornflower blue, globular heads, 4 ft. ....	.15	.80
<b>Eupatorium</b> <b>Fraseri</b> . White, for cutting, 2 ft. ....	.25	....
<b>Euphorbia</b> <b>Corollata</b> (Wild Baby's Breath). Resemble <i>Gypsophila</i> but the flowers are larger and more pronouncedly white. Blooms in midsummer, small white stars indescribably delicate and airy. Valuable for bouquets. Leaves turn a rich wine color in fall. Will stand any amount of drought. 2 ft. ....	1/8 oz., 70c	.35 4.00
<b>Myrsinites</b> . Grey trailer heads of yellow flowers. 3 in. ....	1/8 oz., \$1.00	.35 6.00
<b>Polychroma</b> . The flowers are bright yellow changing to a rosy bronze. 15 to 18 in. ....	1/2 oz., \$1.60	.50 10.00
<b>Francoa</b> <b>Ramosa</b> <b>Hybrida</b> . Bridalwreath. Pure white elegant flowers. 2 1/2 ft. ....		.35 ....
<b>GAILLARDIA Grandiflora</b>		
<b>Aurea Pura</b> . Large pure yellow. ....	.35	....
<b>Bremen</b> . Coppery scarlet with yellow tips. 1/4 oz., 45c	.25	1.40
<b>Burgundy</b> . Self colored wine-red, 2 1/2 in. in diameter, on long stiff stems, from June until fall. Comes 60% to 70% true, 30 in. ....	1/4 oz., 50c	.25 1.80
<b>Chloe</b> . Large flowering Indian yellow. ....	1/4 oz., 70c	.35 2.40
<b>Dazzler</b> . Large flowers, bright golden yellow with rich maroon-red center. 3 ft. ....	1/4 oz., 40c	.25 1.40
<b>Goblin</b> . Very compact globular plants, red and yellow bicolor. ....	1/4 oz., 90c	.35 ....
<b>Maxima Aurea</b> . Very large golden yellow flowers with large red eye. ....	1/4 oz., 40c	.25 1.40
<b>Monarch Strain</b> . A robust strain very varied in coloring and with flowers of giant size and perfect form. ....	1/4 oz., 50c	.25 1.80
<b>Portola Hybrids</b> . The flowers are very large, the petals being very broad and overlapping, of great substance, and spread out flat. Color a brilliant scarlet with copper hue. Petals heavily tipped with golden yellow. 2 1/2 to 3 ft. ....	1/4 oz., 40c	.25 1.40
<b>Tangerine</b> . Vivid tangerine orange. ....	1/4 oz., 50c	.25 1.60
<b>The King Regalis</b> . Deep red, edged gold, large flowers	1/4 oz., 50c	.25 1.80
<b>Torchlight</b> . Bright golden yellow, rich maroon center. 2 ft. ....	1/4 oz., 50c	.25 1.80
<b>Gas Plant</b> , see <i>Dictamnus</i> .		

### Grasses, Ornamental

<b>Erianthus</b> <b>Ravennae</b> . Plume Grass. 6 to 8 ft. ....	.15	.80
<b>Festuca</b> <b>Glaucia</b> . True blue grass with dense glaucous tufts. Blue stemmed grass, ....		....

### GRASSES—Continued.

<b>Gymnothrix</b> <b>Latifolia</b> ( <i>Pennisetum Latifolium</i> ). 36 in. \$0 15	Trade pkt.	Oz.
<b>Gynierium</b> <b>Argenteum</b> . Pampas Grass. ....		....
<b>Stipa</b> <b>Pennata</b> . Feather Grass. 2 ft. ....	1/4 oz., 70c	.25 \$2.40
<b>Uniola</b> <b>Latifolia</b> . Spike Grass. 3 ft. ....		....

### Garden Heliotrope, see *Valeriana*.

<b>Gerbera</b> <b>Jamesoni</b> . New Flowerland strain. A popular greenhouse forcing perennial plant, fine for cutting. New seed is always available, as it is harvested at intervals during the year. ....	100 seeds, 40c; 1000 seeds, \$3.00	....
<b>Gentiana</b> <b>Acaulis</b> . Gentian-blue, beautiful for edging, 5 in. ....	1/4 oz., 85c	.25 ....
Lutea. Yellow. Tall robust species, 40 in. ....		.25 ....
<b>Geum</b> <b>Coccineum</b> <b>Atrosanguineum</b> Pl. × Semi-double, orange-red, 2 ft. ....	1/4 oz., 50c	.25 1.80
<b>Borealis</b> (True). Is an evergreen species with foliage rather prostrate and branching flower stems 8 to 12 in. long. Orange scarlet flowers produced abundantly over a long period. ....	1/4 oz., \$1.20	.50 4.00
<b>Lady Stratheden</b> × ( <i>Golden Ball</i> ). The blooms are large double golden yellow. 2 ft. ....	1/4 oz., 50c	.25 1.60
<b>Mrs. Bradshaw</b> . × Large double glowing red. 2 ft. ....	1/4 oz., 50c	.25 1.60
<b>Orange Queen</b> . Large double orange-scarlet. 2 ft. ....	1/4 oz., 70c	.25 2.40
<b>Prince of Orange</b> . True orange. ....	1/4 oz., 85c	.35 3.00
Mixed. ....	1/4 oz., 60c	.25 2.00
<b>Gilia</b> <b>Coronopifolia</b> ( <i>Ipomopsis Elegans</i> Mixed). 3 1/2 ft. (Standing Cypress.) The flowers are 1 1/2 inches long, trumpet shape, borne along the side of the stem, mixed colors. A biennial. ....	1/4 oz., 40c	.25 1.40
<b>Coronopifolia Red</b> . ....	1/2 oz., 50c	.25 ....
<b>Globularia</b> <b>Trichosanthes</b> ( <i>Globe Daisy</i> ). Dwarf small globe-shaped flowers of dark blue. 12 in. ....		.35 ....
<b>Golden Rod</b> , see <i>Solidago Canadensis</i> .		
<b>Gypsophila</b> <b>Acutifolia</b> . Strong growing plant which branches freely and grows to 3 feet. The many tiny flowers are flushed pink and make an attractive mass. Flowers in midsummer. Excellent for bouquets. ....	1/4 oz., 50c	.15 ....
<b>Oldhamiana</b> . Great tangles of airy, misty blossoming in pinks. The florets are slightly more than a quarter of an inch in diameter and possess a white throat. Blooms in fall. The foliage is silvery overcast. ....	1/4 oz., 45c	.25 1.40
<b>Pacifica</b> . Starry pink blossoms on branching panicles. Good cutflower. Sept. and Oct. 4 ft. ....	1/4 oz., 70c	.25 2.40
<b>Paniculata Snow-White Double</b> . Absolutely pure white strain of this popular plant, 2 ft. ....	1/4 oz., \$1.20	.50 4.00
<b>Paniculata White</b> . Small single white flowers in great profusion, useful for cutting, 40 in. ....	lb., \$2.80	.10 .30
<b>Repens</b> × White flowers, trailer, good border or rock plant, 6 in. ....	1/4 oz., 40c	.25 1.40
<b>Rosea</b> . Pink. ....	1/4 oz., 50c	.25 1.80
<b>Helenium</b> <b>Autumnale</b> <b>Superbum</b> . Yellow. 1/4 oz., \$1.00		.35 3.40
<b>Autumnale Hybr.</b> <b>Nanum</b> <b>Præcox</b> . Remarkable dwarf, early hybrids in yellow, bronze, crimson and brown shades. ....		.35 ....
<b>Bigelowi</b> . Yellow dark disc, for cutting, 20 in. ....	1/4 oz., 90c	.35 3.20
<b>Hoopesi</b> . Yellow. Early flowering, 30 in. ....	1/4 oz., 45c	.25 1.40
<b>Riverton Beauty</b> . Lemon-yellow with large purplish black cone, 4 ft. ....	1/2 oz., \$1.40	.50 ....
<b>Riverton Gem</b> . Flowers open as old gold and terracotta changing to wallflower red. 3 1/2 ft. ....	1/4 oz., \$1.00	.35 3.60
<b>Helianthemum</b> × <b>Mutabile</b> . Mixed Colors. (Rock Rose.) Low-growing evergreen plants forming large clumps, completely covered with bloom during July and August. 8 to 12 in. ....		.15 .80
<b>Helianthus</b> ( <i>Sunflower</i> ). <b>Harvest Moon</b> ( <i>Laetiflorus</i> ). Flowers semi-double with three rows of petals, long and incurved, on stiff stems and of a rich yellow color. ....		....
<b>Maximilianus</b> . Early-flowering, yellow, 3 ft. ....	1/4 oz., 50c	.25 1.80
<b>Perennial Varieties</b> . Mixed. ....	1/4 oz., 70c	.25 2.40
<b>Heliopsis</b> <b>Laevis</b> <b>Pitcheriana</b> . Golden yellow, 4 ft. ....	1/4 oz., 40c	.25 1.20
<b>Lemoine's Giant</b> . A very brilliant border plant resembling a double sunflower; flowers are double and semi-double golden yellow. A perennial that blooms from seed the first year. ....	1/4 oz., 50c	.25 1.80
<b>Scabra</b> <b>Zinniaeflora</b> . Large deep yellow flowers, very showy, free and continuous bloomer, 3 ft. ....	1/4 oz., 50c	.25 1.80
<b>Helleborus</b> <b>Niger</b> . Christmas Rose. White tinged rose, fine for winter. Seed germinates very slowly. 15 in. ....		.15 .80





GYPHOPHILA Oldhamiana

## Seeds of Biennials and Hardy Perennials

<b>Hesperis Matronalis</b> (Sweet Rocket). Lilac, 40 in. Trade pkt. Oz.			
.....lb., \$2.60	\$0.10	\$0.25	
<b>Matronalis Alba</b> . White, 40 in. ....lb., 2.60	.10	.25	
<b>Heuchera</b> × <b>Sanguinea</b> . Bright rich crimson, blooms from early summer until fall. Excellent for cutting. 30 in. ....1/4 oz., \$1.20	.50	.....	
<b>Sanguinea Splendens</b> . Bright vermillion. 1/4 oz., 1.65	.50	6.00	
<b>Hybrida Grandiflora</b> . Mixed, 30 in. ....1/4 oz., 1.20	.35		
<b>Hoodacres Hybrids</b> . These are the result of 14 years of selection. Very vigorous and prolific. The bells much larger than other sorts. The bloom stalks are tall; some have the habit of blooming twice in a season. Wide range of color shades. ....1.00	.....		
<b>Brizoides</b> . Bright rose, 30 in. ....	.50	.....	
<b>Hibiscus</b> <b>Giant Yellow Sunset</b> or <b>Golden Bowl</b> . Needs protection, 2 ft. ....1/4 oz., 30c	.15	1.00	
<b>Crimson Eye</b> . White with red eye, 4 ft. ....1/4 oz., 30c	.15	1.00	
<b>Mallow Marvels</b> . Mixed, 4 ft. ....lb., \$5.00	.15	.50	
<b>Jumbo Red</b> . ....1/4 oz., .50	.15	1.60	
<b>Rose</b> . ....	.15	1.00	
<b>Hieracium</b> × <b>Villosum</b> . Yellow, silvery leaves, 12 in. ....	.25	.....	
<b>Hollyhocks</b> . Double.			
<b>Appleblossom</b> . ....1/4 oz., 40c	.25	1.20	
<b>Blood-Red</b> . ....1/4 oz., 40c	.25	1.20	
<b>Chamois</b> . Colorado Sunset or Queen of Sheba. Salmon-rose. ....1/4 oz., 40c	.25	1.20	
<b>Crimson</b> . ....lb. \$12.00, 1/4 oz., 40c	.25	1.20	
<b>Deep Salmon Red</b> . ....1/4 oz., 50c	.25	1.80	
<b>Lilac Beauty</b> . ....1/4 oz., 40c	.25	1.20	
<b>Maroon</b> . ....1/4 oz., 40c	.25	1.20	
<b>Deep Rose</b> . Carmine rose. ....lb. \$12.00, 1/4 oz., 40c	.25	1.20	
<b>Newport Pink</b> . ....lb. \$12.00, 1/4 oz., 40c	.25	1.20	
<b>Orange Prince</b> . Waxy buff yellow with fiery orange center. See inside back cover for colored illustration. ....1/4 oz., 75c	.35	2.40	
<b>Purple Robe</b> . ....1/4 oz., 75c	.35	2.40	
<b>Scarlet</b> . ....1/4 oz., 40c	.25	1.20	
<b>Scarlet Beauty</b> , double annual intense scarlet. ....1/4 oz., 70c	.35	2.40	
<b>White</b> . ....lb. \$12.00, 1/4 oz., 40c	.25	1.20	
<b>Yellow</b> . ....lb. 12.00, 1/4 oz., 40c	.25	1.20	
<b>Chater's Prize</b> . Double Mixed. ....lb., \$10.00	.25	1.20	
<b>Imperator</b> , Improved ("Begonia Flowered") Crested Mixed). New formation, collar of frilled and fringed edges. ....1/4 oz., 50c	.25	1.60	
<b>Begonia Flowered</b> . Pastel shades. ....1/4 oz., 55c	.25	1.80	
<b>Souvenir Mixture</b> . Semi-double, good placement in wonderful color range. ....1/4 oz., 65c	.25	2.00	
<b>Triumph</b> . Double waved and fringed flowers in delicate art shades. ....1/4 oz., 50c	.25	1.60	
<b>Vaughan's Special Mixture</b> includes all Doubles, Imperator, Triumph and Allegheny. ....1/4 oz., 55c	.25	1.80	
<b>Single mixed</b> . ....lb., \$4.00	.10	.50	
<b>Allegheny</b> . Mammoth-flowering, mixed. ....	.15	.50	

## HOLLYHOCKS—Continued.

	Trade pkt.	Oz.
<b>Pink Rosette</b> , fine shade of rose pink. ....1/4 oz., 50c	\$0.25	\$1.80
<b>Everblooming Double Hybrids</b> , mixed. If sown early will bloom first year. ....	.15	.60
<b>Indian Spring</b> . It produces flowers of varying attractive bright rose and rosy carmine shades. Double and semi-double. Blooms from seed first year. ....1/4 oz., 40c	.25	1.40
<b>Incarvillea Delavayi</b> . Large Gloxinia-like flowers, rosy purple, very handsome, 24 in. ....1/4 oz., \$1.80	.50	.....
<b>Grandiflora</b> . Flowers brilliant rose, dwarf habit, 2 ft. ....	.50	.....
<b>Brevipes</b> . Large brilliant crimson rose flowers. 2 ft. ....	.50	.....
<b>Hybrida Bee's Pink</b> . Soft pink, large trumpet-shaped flowers. 18 in. ....	.50	.....
<b>Inula</b> × <b>Ensifolia</b> . One of the finest yellow flowering plants for the rockery, blooming during July and Aug. Compact bushes 16 in. high with large daisy-like flowers. Prefers full sun and soil that is not too rich, 12 in. ....	.25	.....
<b>Glandulosa Grandiflora</b> . Orange. 2 ft. ....	.35	.....
<b>Royleana</b> . Rich orange colored flowers 4 to 6 in. across. The black buds are very conspicuous. 2 ft. ....	.....	.....
<b>Iris</b> <b>Dichotoma</b> , August or Vesper Iris. Fragrant flowers on tall branching sprays. In bloom from July to early September. Variable in color, cream to violet purple with markings of buff, orange, copper, brown, mahogany, and rose. Sow seed in early spring while soil is cool. Usually a fair proportion will bloom the first summer. ....1/4 oz., 65c	.35	2.20
<b>Kaempferi</b> . Mixed. Japanese Iris. Most seedlings bloom the second year. 18 in. ....lb., \$6.00	.15	.60
<b>Siberian Mixed</b> . 36 in. ....	.10	.30
<b>Isatis Glauca</b> . Foliage silvery grey-green. Clouds of fine yellow flowers in July. 2 ft. ....	.15	.80
<b>Jasione Humilis</b> . Compact habit, about 1 ft. high, producing blue globe shaped flowers. Easy culture. ....	.35	.....
<b>Kenilworth Ivy</b> × <b>Linaria Cymbalaria</b> . Pretty trailing variety. Pink. ....1/4 oz., 50c	.25	1.40
<b>Kudzu Vine</b> . <b>Pueraria Thunbergiana</b> . Fragrant, lavender flowers. ....lb., \$4.00	.10	.40
<b>Lallemantia Canescens</b> . Aromatic foliage, purple flowers. 2 ft. ....	.35	.....
<b>Lathyrus Latifolius</b> (Everlasting Pea). Mixed. ....lb., 4.00	.10	.40
<b>Latifolius Pink Beauty</b> , very fine, 6 ft. ....lb., 5.00	.15	.50
<b>Red</b> . Magenta, 7 ft. ....lb., 5.00	.15	.50
<b>White Pearl</b> . Lovely sprays of large sweet pea-like flowers, each spray having 12 to 15 blooms. In flower all summer. 5 ft. ....lb., 6.00	.15	.60
<b>Lavendula Vera</b> . True Sweet Lavender. ....1/4 lb., 40c	.25	1.40
<b>Vera</b> , Rose, White and Blue Mixed. ....	.35	.....
<b>Munstead Strain</b> . A most valuable variety producing large sweet-scented flowers in abundance. It flowers a month earlier than the common Lavender; height not exceeding 1 foot. ....1/4 oz., 70c	.25	.....
<b>Lepachys Maroon and Gold</b> . Extraordinary plant, the flower-heads are little silky columns set successively with tiny blossoms and guarded at the base by wide petal-rays of richest maroon, gold-edged. ....	.35	.....
<b>Liatris Spicata</b> (Blazing Star). Purple rose, 20 in. ....1/4 oz., 60c	.25	2.00
<b>Pycnostachya</b> . Long spike of brilliant rose-purple flowers. Aug. to Oct., 4 ft. ....1/4 oz., 70c	.25	2.40
<b>Scariosa</b> . Violet-purple, 4 ft. ....1/4 oz., 90c	.35	3.20
<b>Alba</b> . Is stocky almost bushy and has several full flowering stalks growing about 2 1/2 ft. high. The stems branch freely, the lower ones being the longer. The flowers are attractive white pompons thickly studding the main stalk as well as the branches. ....1/4 oz., \$1.75	.50	6.00
<b>Autumn Spire</b> . Graceful spires of a lovely rosy purple color. Flower stalks 2 1/2-3 ft. with flower-heads 18 to 24 in. long, tapering from about 4 in. at bottom of flower-head to 12 in. at top. Start flowering about September 15th. They stand up in good condition for weeks as cut flowers. This variety sold in a very dull period in the New York Wholesale Market at 50 to 75c a dozen spikes. ....1/8 oz., \$1.25	.50	7.00
<b>Hybrids</b> . ....	.50	.....
<b>Linaria</b> . Alpina. × Purple blotched orange, 4 in. ....	.50	.....
<b>Canon Want</b> . Pale pink. Blooms first year if sown early. 2 1/2 ft. ....1/4 oz., \$1.20	.35	4.00
<b>Cymbalaria</b> , × Pink, 3 in. ....1/4 oz., 50c	.25	1.60
<b>Dalmatica</b> . Lemon yellow, height 3 ft. ....1/4 oz., 40c	.25	1.40
<b>Macedonica Speciosa</b> . Nymph. Creamy white. 36 in. ....	.25	.....

Rock Plants are followed by X, and the heights given are of the plants when in bloom.



# Seeds of Biennials and Hardy Perennials

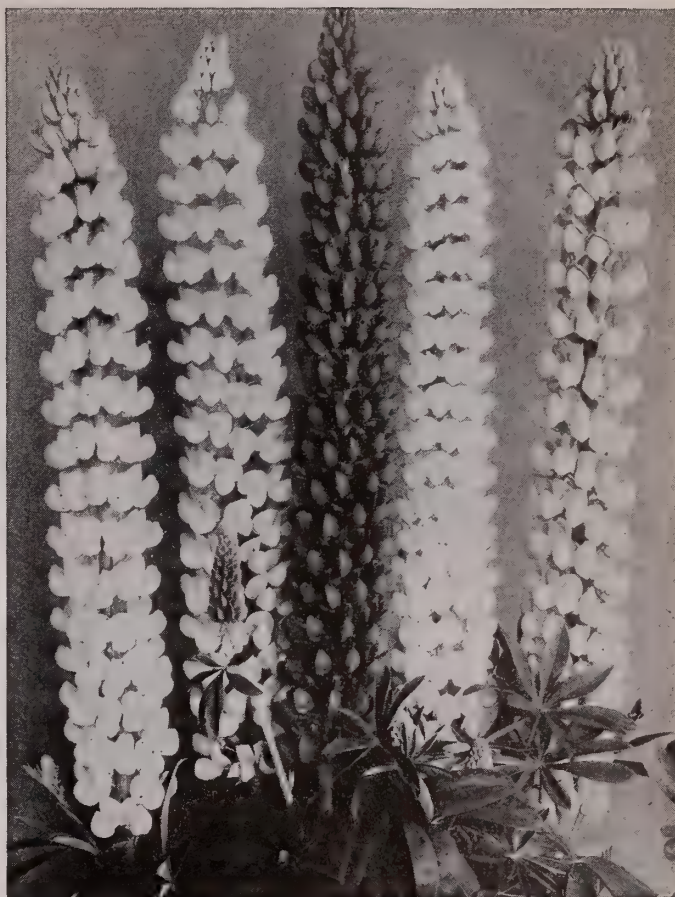
## Lilies

Culture on Lilies from seed sent free with order.

Auratum Platyphyllum. Larger than the type; more heavily marked.	Trade pkt. Oz.	
Backhouse Hybrids. Free flowering. Many unusual shades. 100 seeds, 85c; 1000 seeds, \$6.00	1/4 oz., 50c	\$0.25 \$1.80
★Candidum "Saloniki." Well known white Madonna Lily, pure white flowers, dark stem, immune to disease. Early and free blooming.	1/4 oz., \$1.70	.50 6.00
Cernuum. Lilac nodding flowers, grass-like foliage.		
Concolor. Erect fiery scarlet with dark red spots.	1/4 oz., 60c	.25 2.00
Henryi. Rich deep orange-yellow. 4 ft.	1/4 oz., 85c	.35 3.00
Martagon. Turk's Cap Lily. The waxy petals of the flowers are a dull purple color, pleasingly reflexed, and marked with black spots. It is of wide-spread adaptability.	1/4 oz., 80c	.35 3.00
Formosanum. Improved Pure White. This selected strain produces 80% pure white flowers.	1 lb. \$20.00; 4 oz., \$5.50; 1/4 oz., 50c	.25 1.80
Formosanum Giant Pure White.	1 lb. \$30.00; 4 oz., \$8.00; 1/4 oz., 75c	.35 2.60
Longiflorum Praecox (White Queen). Produces blooms of the well known Erabu type within twelve months from sowing. Long trumpet flowers of clear white. 1/2 trade pkt., 60c; 1/8 oz., \$1.50	1.00 11.00	
Regale, Regal Lily. Pink outside, interior primrose-yellow, 3 to 5 ft.	1 lb., \$5.40	.15 .60
Speciosum Rubrum.	1/4 oz., 50c	.25 1.80
Tenuifolium (Siberian Coral Lily). Flowers glowing glossy scarlet up and down the stem. 20 in. Lb., \$6.00		.15 .60
Golden Gleam. 24 in. Blooms are deep orange and have recurved petals of waxy texture.	1/4 oz., \$1.20	.35 4.00
Washingtonianum (Mt. Hood Lily). Pure white, slightly tinted and dotted purple inside.	1/4 oz., \$1.40	.50 . . . .
Willmottiae. Flowers vivid orange-red with recurved petals, spotted with brown slender foliage. 4 ft.		. . . .
Mixed. Many varieties.	1/4 oz., 50c	.25 1.80

Linum Perenne (Perennial Flax). Very pretty pale blue flowers. 30 in.	1 lb., \$3.00	.10 .30
Perenne Fl. Album. Neat white flowers. 30 in.		.10 .40
Mixed.		.10 .40
Alpinum X Pale blue. Prostrate habit. 1/16 oz., \$1.00		.35 . . . .
Flavum. Yellow. The straight stems bear their thin green leaves of dark green, which serve to make a contrast to the deep golden yellow flowers, which are produced most freely July to Sept. 1 to 2 ft.	1/4 oz., 60c	.25 2.00
Compactum Nanum X Glowing golden yellow, dark green foliage. Everbloomer, 6 in.	1/2 oz., 90c	.35 . . . .
Narbonense. Fine blue, flowers large, graceful habit. 30 in.	1/4 oz., 85c	.35 3.00
Heavenly Blue. The flowers are twice as large as the common Linum perenne. The color is a luminous ultramarine blue. Planted in masses gives a really charming effect.		.50 . . . .
Lobelia Cardinalis (Cardinal Flower). 36 in.	1/4 oz., 75c	.25 2.60
Syphilitica. Large blue flowers. 24 in.		.25 . . . .
Lunaria Biennis. Lilac purple flowers, silvery pod.	1 lb., \$5.40	.15 .60
Biennis Munstead Purple Giant.		.25 1.00
Mixed.		.15 .80

Lupinus Polyphyllus.		
Albus. Large, pure white spikes. 2 to 3 ft.	1 lb., 4.00	.10 .40
Atro-violeaceus. Large dark blue.	1/4 oz., 25c	.15 .80
Coelestinus. Varies light to dark blue.	1/4 oz., 30c	.15 1.00
Carmineus. Carmine shades.	1/4 oz., 30c	.15 1.00
Chocolate Soldier. Terra-cotta shades.	1/4 oz., 60c	.25 2.00
C. M. Prichard. Pale salmon-orange with yellow.	1/4 oz., 90c	.35 3.20
Lavender Queen. Lavender tinted pink, 3 ft.	1/4 oz., 30c	.15 1.00
Luteus. A strain of varying yellow shades.	1/4 oz., 25c	.15 .80
Roseus. Very pretty rose shades. 3 ft.	1 lb., \$5.00	.15 .50
Salmonaeus. Delicate salmon shades.	1/4 oz., 25c	.15 .80
Six Hills Scented. Flowers are sweetly scented and have a great range of color.	1 lb., \$5.00	.15 .50
Sunshine (Arboreus Type). Golden yellow, 30 in.		.15 .60
Harkness' Regal Mixture. A mixture of charming colors, in which rose, buff, flesh and salmon shades predominate.	1 lb., \$6.00	.15 .60



LUPINUS POLYPHYLLUS RUSSELL

## Russell Lupinus

### A MARVELOUS SELECTION OF PERENNIAL LUPINS

Most unusual colors and color combinations; some flowers are self colors and many bicolors, the standard being of one color and the keel of another. The flowerettes are much larger than the other Polyphyllus varieties. The spikes are crowded with blossoms and resemble a closely set well rounded column of Sweet Peas. Useful as a cut flower.

The Russell Lupins have three virtues not including colour, that the older varieties lacked. Ability to travel well when cut, less tendency for the lower flowers to fade before the whole spike is out and excellent keeping qualities in the house.

Grown from originator stock seed. Trade pkt., 25c; 1/4 oz., 50c; oz., \$1.60; lb., \$18.00.

Reselected seeds, originator's Green Seal packets: 20 seeds, 40c; 65 seeds, 90c, 120 seeds, \$1.60, Net.

### LUPINUS—Continued.

	Trade pkt.	Oz.
Downer's Hybrids. Perpetual flowering hybrids.		
	1 lb., \$6.00	\$0.15 \$0.60
Vaughan's Special Mixture. This is a choice mixture of the best perennial Lupins, English and other European strains being chosen to give the utmost variety.	1 lb., \$8.00; 1/4 oz., 25c	.15 .80
Lychnis Alpina. X Rose, 12 in.	1/8 oz., \$1.00	.35 . . . .
Arkwrightii. Large flowers in brilliant colors, varying from orange-scarlet to soft salmon-pink. May, 2 to 3 ft.	1/4 oz., 40c	.25 1.40
Chalcedonica Salmon Queen. Beautiful salmon shade. 3 ft.	1/4 oz., 40c	.15 1.20
Chalcedonica. Scarlet, 36 in.		.15 .60
Forrestii Hybrids. Showy panicles of carmine, crimson, pink and white flowers, excellent for rock garden and border, 2 ft.	1/4 oz., 70c	.25 2.40
Haageana Hybrida. Mixed, extra choice, 18 in.	1/4 oz., 60c	.25 2.20
Scarlet, large brilliant flowers, very fine. 18 in.	1/4 oz., 80c	.25 . . . .
Viscaria Splendens. Early, deep rose, 16 in.	1/4 oz., 30c	.15 1.00





LILIAM Formosanum Giant Pure White

## Seeds of Biennials and Hardy Perennials

**Lythrum Roseum Superbum.** Rose-purple in spikes. Trade pkt. Oz.  
A good border plant. 40 in. .... 1/4 oz., 30c \$0.15 \$1.00

**Matricaria Double Select White** (Ball's Double White). This is the one and only fully double-flowering pure white strain of Feverfew from seed. It is 98% true to this description. 30 in. Trade pkt., 35c; 1/8 oz., \$1.00; oz., \$6.00.

**Matricaria Golden Ball.** Striking double golden yellow. Trade pkt. Oz.

8 in. .... 1/4 oz., 50c \$0.25 \$1.80

Snowball. Double white. 8 in. .... 1/4 oz., 50c .25 1.80

**Monarda Didyma.** Scarlet. 30 in. .... 1/8 oz., 65c .35 4.00

Hybrida. Mixed. 36 in. .... 1/4 oz., 75c .25 ....

**Myosotis.** See Forget-Me-Not, page 40.

**Native Wild Flowers.** Mixed. .... 1/4 oz., 60c .25 2.20

**Nepeta Mussini.** X Neat bushes of small lavender-like foliage covered with terminal spikes of lavender-blue flowers, both foliage and flowers aromatic. 1 ft. .... 1/4 oz., 50c .25 1.80

**Nervosa.** Clear light blue flowers. .... 1/4 oz., 65c .25 ....

**Souvenir d'Andre Chaudron.** Bright blue. 24 in. .... .35 ....

**Nierembergia Hippomanica** (Coerulea). This little Dwarf Cup Flower starts flowering when the plants are only about two inches tall, that is, about 15 weeks after the seed is sown, and keeps on right up until fall. The lovely lavender-blueshade, heightened by a touch of yellow in the center, is most charming. Plants are compact and not over 5 or 6 inches tall. As an edging plant it is unexcelled and it makes a splendid pot plant. It is a half hardy perennial which will winter over if given some protection. .... 1/2 oz., \$1.50; 1/6 oz., \$2.75 .50 ....

**Oenothera Fraseri.** Deep yellow. 24 in. .... 1/8 oz., 75c .35

Lamarkiana. Large yellow on long spikes, 2 ft. .... .10 .25

Macrocarpa. Yellow, June-Sept. 12 in. .... 1/4 oz., 70c .25 2.60

Youngei. Large yellow bloom. 18 in. .... .50 ....

## POPPY

Cut newly opened flowers either early in the morning or in the late evening and immediately (within five minutes of cutting) burn the ends of the stems at the gas range or electric range for a depth of two inches. Burn them well until the ends are charcoal and glow red when taken from the fire. Then put them in fresh water and your Poppies will last from three days to a week in the house, or you can put them in full sun and they will stand up two or three days, or until the petals drop, without wilting. And very few even so-called fine cutting flowers will stand up like this in the hot sun.

**Papaver** (Poppy) Alpine. X Mixed. Pretty delicate Trade pkt. Oz.  
dwarf species. 10 in. .... 1/8 oz., 70c \$0.35 \$4.00

**PAPAYER**—Continued.

Trade pkt. Oz.

**Nudicaule X (Iceland). Amurense "Yellow Wonder."**

Large flowers of buttercup-yellow are freely produced on stems 25 inches long. Foliage is glaucous, covered with short hairs. .... 1/4 oz., 60c \$0.25 \$2.20

**Coonara.** Pink shades. 1 1/2 ft. .... 1/4 oz., 50c .25 1.80

**El Monte.** Deep tangerine orange. .... 1/4 oz., 50c .25 1.80

**The Empress.** Flower large, full, well formed, with broad overlapping petals, deeply fluted or wrinkled, giving the effect of doubleness. The colors range through lovely shades of salmon-rose and creamy pink. .... 1/4 oz., 65c .25 2.20

**The Emperor.** Large-flowered, orange, long-stemmed. .... 1/4 oz., 65c .25 2.20

**Gartford (Giant Art Shades).** .... 1/4 oz., \$1.00 .35 3.60

**Red Cardinal.** 12 in. New, nearest approach to crimson scarlet. .... 1/8 oz., 75c .25 ....

**Sanford's Giant Hybrids.** The flowers are 2 1/2 to 3 inches in diameter and come in shades of orange and yellow and white with long, stiff stems. Extremely free-flowering, it lasts exceptionally well as a cut flower, 2 ft. .... 1/4 oz., 60c .25 2.00

**Gartref New Hybrids.** Selected from range of art shades, all with darker penciled edging. Excellent cut flower. Blooms the first year. 1/4 oz., 60c .25 2.00

**White.** .... .15 .80

**Double Mixed.** .... 1/4 oz., 65c .25 2.20

**Vaughan's Special Mixture of Iceland Poppies,** containing every worthwhile strain of these beautiful and useful Poppies. .... 1/4 oz., 70c .25 2.40

## ORIENTAL POPPY

The named varieties of Oriental Poppies do not come entirely true from seed.

**Orientele (Oriental Poppy).** Scarlet, 3 ft. lb., \$8.00 .15 .80

**Brilliant.** Brilliant fiery red, 40 in. .... 1/4 oz., 70c .25 ....

**Beauty of Livermere.** Oxblood-red. .... 1/4 oz., 80c .25 2.80

**Carneum.** Light and dark salmon-pink shades. 70% true. 40 in. .... 1/4 oz., 70c .25 ....

**Goliath.** Brilliant scarlet. .... .35 ....

**Mahony.** Maroon-crimson. 40 in. .... 1/4 oz., \$1.00 .35 ....

**Mrs. Perry.** Salmon-rose. .... 1/8 oz., 1.00 .35 ....

**Olympia.** Light scarlet with salmon shading. .... .50 ....

About 40% will be double flowering. .... .50 ....

**Perry's White.** White flowers with a tinge of blush. .... 1/8 oz., \$1.40 .50 ....

**Princess Victoria Louise.** Flowers rather small, resembling a large tulip; perfect form; light orange-salmon. 40 in. .... 1/4 oz., 90c .25 3.20

**The Feltham.** Shades of scarlet, orange and apricot without the dark blotch at base of flower, 2 ft. .... .50 ....

**New Oriental Hybrids.** From a collection of new named sorts. .... 1/4 oz., 75c .25 2.60

**Hybrids.** Mixed. .... 1/4 oz., 50c .20 1.80

**Vaughan's Special Mixture.** .... 1/4 oz., 90c .25 3.20

**Pentstemon.** Digitalis. White tinted violet, 36 in. .... .25 2.40

**Heterophyllus.** Blue Gem. X Flowers bright gentian-blue shaded with light violet. June to August, 14-18 in. .... 1/4 oz., 70c .25 2.00

**Glaber.** Blue, 36 in. .... 1/4 oz., 60c .25 2.00

**Grandiflorus.** Excellent, easily grown, long lasting cut flower. Lavender-blue. 3 ft. .... 1/4 oz., 90c .25 3.00

**Pubescens.** Violet-purple, lips white, 18 in. .... 1/4 oz., 1.20 .35 4.00

**Perennial Varieties.** Mixed. .... 1/4 oz., \$1.00 .35 ....

**Phlox Decussata.** Perennial varieties mixed. This special mixture comes from a superior collection of large-flowering sorts. .... .15 .60

**Physalis Franchetti** (Chinese Lantern Plant). .... .35 ....

**Gigantea.** The attractive orange-scarlet balloon seed pods are of the same color as the well known Franchetti but are twice as large. .... 1/2 oz., \$1.00 .35 ....

**Physostegia Virginica.** Deep rose flowers in close compact spikes, 4 ft. .... 1/4 oz., 50c .25 1.60

**Virginia Alba.** Fine pyramidal habit, large spikes, white flowers, 36 in. .... 1/4 oz., 50c .25 ....

**Gigantea.** Lilac rose. 4 ft. .... 1/4 oz., 75c .25 ....

**Compacta.** Dwarf, rose. .... 1/4 oz., 75c .25 ....

**Platycodon Grandiflorum.** Blue, 28 in. .... 1/4 oz., 25c .15 .80

**Grandiflora.** Alba. White, 28 in. .... 1/4 oz., 25c .15 .80

**Mixed,** 28 in. .... .15 .80

**Early-Flowering Giant White.** 28 in. .... 1/4 oz., 40c .20 1.40

**Early-Flowering Giant Blue.** .... 1/4 oz., 40c .20 1.40

Rock plants are followed by X, and the heights given are of the plants when in bloom.



# Seeds of Biennials and Hardy Perennials



PRIMULA Veris (Polyanthus)



PRIMULA Auricula



PYRETHRUM Roseum Double

## PLATYCODON—Continued.

	Trade	pkt.	Oz.
<i>Praecox Gigantea</i> . Early-flowering blue. $\frac{1}{4}$ oz., 60c	\$0.25		\$2.00
<i>Mariesii</i> . Dark blue, dwarf, 16 in. $\frac{1}{4}$ oz., 60c	.25		2.00
<i>Alba</i> . White and faint blue, dwarf, 16 in. $\frac{1}{4}$ oz., 70c	.25		....
<i>Polemonium Coeruleum</i> . Jacob's Ladder. Large blue, very ornamental, 30 in. ....	.15		.60
<i>Coeruleum Album</i> . White, 30 in. ....	.15		1.00
<i>Reptans</i> . Flower sprays of china blue. Mounds of blossoms. A beauty, and adaptable to varied conditions. 12 in. ....	$\frac{1}{4}$ oz., \$1.35	.35	....
<i>Richardsoni</i> . Dwarf, blue, early, 20 in. $\frac{1}{4}$ oz., 40c	.15		1.20
<b>Polyanthus</b> (See <i>Primula Veris</i> ).			
<i>Potentilla Formosa</i> X <i>Cherry-red</i> , 12 in. ....	.25		....
<i>Nepalensis</i> X <i>Miss Willmott</i> . Bright carmine rose, 12 in. ....	.25		....
<i>Roxana</i> . Brilliant salmon with darker veins, 18 in. ....	$\frac{1}{8}$ oz., 50c	.25	....
<i>Warrensi</i> . A lovely plant for the sunny hardy border. Covered with large, pure yellow blossoms all summer. Suitable for cutting. 2 ft. $\frac{1}{4}$ oz., 70c	.25		2.40
Double Mixed, 20 in. ....	$\frac{1}{4}$ oz., \$1.00	.35	....
Single Mixed, 26 in. ....	$\frac{1}{4}$ oz., 40c	.15	1.20

## PRIMULA

<u>Auricula</u> . X Large-Flowering. Mixed, 6 in. $\frac{1}{16}$ oz., \$1.00	.50	....
<u>Giant Flowered</u> . Mixed, 6 in. .... $\frac{1}{8}$ oz., 2.00	.75	....
Bullesiana Hybrida. X Fine shades of yellow, orange, apricot and carmine. May-June. 18 in. ....	.50	....
Bulleyana. Flowers yellow, bud terra-cotta. ....	.50	....
Cashmiriana. Lilac, early, hardy, 12 in. ....	.50	....
Cortusoides. Rose, 10 in. ....	.50	....
Florindae. Fragrant, bright yellow pendent flowers. 3 to 4 ft. ....	.50	....
<u>Japonica</u> . X Special Strain. Mixed. 20 in $\frac{1}{16}$ oz., \$1.00	.50	....
<u>Lissadell Hybrida Red Hugh</u> . X Intense fiery red flowers produced in tiers growing to two feet in height. June. ....	.50	....
Pulverulenta. X Shining purple-carmine. May-June. As hardy as Polyanthus. 16 in. ....	.35	....
Bartley Strain. Beautiful shades of rose and pink, 3 ft. ....	.50	....
Rosea Grandiflora. X Rose-carmine, May-June. 8 in. ....	.50	....
Sikkimensis. Yellow. 15 in. ....	.50	....
Veris Kleynii. It has heavy stems, average length 8 to .12 inches, carrying immense heads of 15 to 25 florets, each floret 1 to 1 $\frac{1}{2}$ inches in diameter, rich golden yellow shaded apricot towards center. Plants average 6 flower spikes each, perfectly hardy outside any- where in the U. S. A. Plants forced in winter can be divided up and planted out in April. Those develop strong plants for the hardy border, rockery, or for forcing the following winter. Large heavy leaves. ....100 seeds, 40c; 250 seeds, 85c; 1000 seeds, \$3.00	....	....
Veris (Polyanthus). X Coerulea. Dark blue. 1 ft. ....100 seeds, 25c; 1,000 seeds, \$1.80	....	....

## PRIMULA Veris—Continued.

	Trade	pkt.	Oz.
<i>Colossea Mixed</i> . The large heads of flowers are borne on very long and stiff stalks quite above the foliage and have proven to be very valuable as cut flowers for early forcing. The flowers which are freely produced are extremely large, measuring more than 1 $\frac{1}{4}$ inch across. The range of colors is most remarkable, including many quite new shades of lilac, pink, copper as well as the darkest red. ....	100 seeds, \$1.00; 1,000 seeds, \$8.00	....	....
<i>Grandiflora</i> . X Mixed. 1 ft. ....	$\frac{1}{4}$ oz., \$1.70	\$0.50	\$6.00
<i>Excelsior strain</i> of large-flowering varieties. $\frac{1}{4}$ oz., \$2.40	.75		8.00
<i>Mrs. Berkeley's Strain</i> . Very fine new race with large flowers. ....	$\frac{1}{4}$ oz., \$2.50; $\frac{1}{8}$ oz., \$1.40	.50	
<i>Gigantea Teicher's Giant Mixed</i> . ....	$\frac{1}{4}$ oz., 2.40	.75	8.00
<i>Gold Laced</i> . Brown flowers with yellow edge. ....	.35		....
<i>Lutea</i> . X Yellow, 12 in. ....	$\frac{1}{16}$ oz., \$1.00	.50	....
<i>White</i> . 12 in. ....	$\frac{1}{8}$ oz., \$1.00	.50	....
<i>Red shades</i> . Splendid mixture, 12 in. ....	.50		....
<i>Acaulis</i> . Mixed. 6 in. ....	$\frac{1}{8}$ oz., \$1.00	.50	....
<i>Coerulea</i> . Blue varies. ....			....
<i>Vulgaris</i> X <i>True</i> . Yellow Primrose, 6 in. $\frac{1}{4}$ oz., \$1.25	.50		4.00
<i>Pueraria Thunbergiana</i> (Kudzu Vine) ... lb., \$4.00	.10		.40

## PYRETHRUM

<i>Roseum</i> . Pink, 30 in. ....	$\frac{1}{4}$ oz., 85c	.35	3.00
<i>Album</i> . White, excellent. ....	$\frac{1}{4}$ oz., 75c	.25	2.60
<i>Atrosanguineum</i> . Dark red shades. ....	$\frac{1}{4}$ oz., \$1.20	.35	4.00
<i>Carneum</i> . Flesh. ....	$\frac{1}{4}$ oz., 85c	.35	3.00
<i>James Kelway</i> . Deep scarlet varies. ....	$\frac{1}{4}$ oz., 90c	.35	3.20
<i>Grandiflorum Rubrum</i> . Deep ruby red. ....	$\frac{1}{8}$ oz., \$1.50	.50	....
<i>Album</i> . White. ....	$\frac{1}{8}$ oz., \$1.50	.50	....
<i>Roseum</i> . Pink. ....	$\frac{1}{8}$ oz., \$1.50	.50	....
<i>Mixed</i> . ....	$\frac{1}{4}$ oz., \$1.25	.50	4.00
<i>Giant Robinson's Hybrids</i> . Mixed. ....	$\frac{1}{4}$ oz., \$1.20	.50	4.20
<i>Robinson's Dark Crimson</i> . The largest, truest and all around best single <i>Pyrethrum</i> . ....	$\frac{1}{8}$ oz., \$1.00	.50	6.00
<i>Comet-Flowered</i> . Single and semi-double with twisted petals. ....	.50		....
<i>Double Pyrethrum</i> . Does not produce 100% double flowers—the percentage is better the second year. ....			....
<i>Double Atro-roseum</i> , red. ....	$\frac{1}{16}$ oz., \$1.50	.50	....
<i>Blood-red</i> . ....	$\frac{1}{32}$ oz., \$2.00	1.00	....
<i>Pink</i> . ....	$\frac{1}{16}$ oz., \$1.50	.50	....
<i>Salmon</i> . ....	.75		....
<i>Sulphureum Sulphur yellow</i> . ....	1.00		....
<i>White</i> . ....	$\frac{1}{16}$ oz., \$1.50	.75	....
<i>Mixed</i> . Extra choice. ....	$\frac{1}{4}$ oz., \$1.40	.50	5.00
<i>Cinerariaefolium</i> . Persian Insect Powder Plant. White, for cutting, 2 ft. ....			....
<i>Ptarmicaefolium</i> . Silvery white, feathery foliage, valuable for pots, beds, and edgings. ....			....
<i>Uliginosum</i> . Giant Daisy. White; late 4 ft. $\frac{1}{4}$ oz., 90c	.35		3.20

Rock plants are followed by X, and the heights given are of the plants when in bloom.



## Seeds of Biennials and Hardy Perennials

<b>Ranunculus</b> Double Camellia Flowered. Very large Trade pkt. Oz.		
flowers in most distinct and uncommon colors, double, semi-double and single. 12 in. 1/4 oz., \$1.25	\$0.50	....
Claremont Hybrid Sunset, Orange.....	.75	\$6.00
Bonnie Lassie, Pink.....	.75	6.00
Huntsman, Red.....	.75	6.00
Hybrids, Mixed colors..... 1/4 oz., \$1.40	.50	5.00
<b>Rehmannia</b> Angulata. Rose and red shades, 24 in.	.50	....
<b>Rock Plants.</b> Perennial Mixed..... 1/4 oz., 40c	.25	1.40
<b>Romneya</b> Coulteri (California Giant Poppy). Beautiful snowy white fragrant flowers. 4 ft. 1/4 oz., 60c	.35	2.20
<b>Rosa</b> Polyantha Nana Multiflora fl. pl. X. The baby rose for rock gardens, blooms in 5 to 6 months, resembles Rose Rouletti, clean seed. 300 seeds.	.50	....
<b>Rudbeckia</b> Hirta Herbstwald (Autumn tints). Well formed, large starflowers in all the autumnal shades on long, firm stems..... 1/4 oz., 50c	.25	1.60
My Joy (Giant Black-Eyed Susan). Large orange-yellow flowers..... 1/4 oz., 40c	.25	1.40
Newmanii (Speciosa). Orange rays, black disc; a showy autumn bloomer..... 1/4 oz., 60c	.25	2.00
Purpurea (Echinacea). 4 ft..... 1/4 oz., 45c	.25	1.40
<b>Ruellia</b> Ciliosa. 1ft. Starts to bloom in June and lasts till September. In form and coloring the flowers remind one of Petunia Heavenly Blue, with the same silvered sky-blue and lavender reflections. It likes full sun and hot dry places. Sown in very early spring, will often bloom first year.	.35	....
<b>Salvia</b> Argentea. Large ornamental white leaves. 36 in. .... 1/4 oz., 30c	.15	1.00
Azurea Grandiflora. Tall growth and long stalks. The blue flowers are large..... 1/4 oz., 50c	.25	1.80
Patens. Very large flowers, splendid blue, free bloomer..... 1/4 oz., 85c	.25	3.00
Pratensis. Dark blue. 1 1/2 ft..... 1/4 oz., 50c	.35	1.80
Turkestanica. Bracts white to lilac.....	.35	....
Verbascifolia Syria. Tall spikes of light blue and white flowers with dark markings. 5 ft..... 1/4 oz., 50c	.35	1.80
<b>Saponaria</b> X Ocymoides Splendens. Rosy purple. Pretty border or rock plant..... 1/4 oz., 25c	.15	.80
<b>Saxifraga</b> Aizoon. X Creamy white silver braided. 6 in. ....	.50	....
Cordifolia X Vivid rose. A fine rock plant, 24 in..... 100 seeds, 35c; 1000 seeds, \$2.50	....	....
Decipiens Grandiflora. X Masses of white flowers; charming. 18 in..... 1/8 oz., 80c	.35	....
Hybrida Purple Robe. X Carmine with purple reflex, 8 in.....	.35	....
Lingulata Leichtlini. Vivid rose, 28 in..... 100 seeds, 35c; 1000 seeds, \$2.50	....	....
Megasea Mixed. Large leathery leaves with short stemmed racemes of flowers. Spring.....	.75	....
Perennial Species mixed.....	.35	....
Mossy Varieties mixed..... 1/16 oz., \$1.00	.50	....
<b>Scabiosa</b> Caucasica Alba. Pure white, 40 in. 1/4 oz., 60c	.25	2.20
Perfecta. Lavender. Improved form, flowers very large and beautiful..... 1/4 oz., 60c	.25	2.20
<b>House's New Hybrids.</b> Flowers very large and of beautiful form, ranging in color from light azure-blue and lavender to deep blue and silvery white. .... 1/4 oz., 80c	.35	2.80
Goldingensis. Large flowers, waved petals, small center, deep lavender..... 1/4 oz., 80c	.35	2.80
<b>Vaughan's Special Mixture.</b> All the above Caucasica types..... 1/4 oz., 80c	.35	2.80
<b>Fischeri.</b> Flower is 2 1/2 inches across and is beautiful blue-purple color. Flowering growths are clothed with smaller, finely cut foliage up to the height of a foot or more, these ending in a long, naked flower stem which makes the plant a useful subject for cutting. 2 1/2 ft..... 1/4 oz., 60c	.25	2.00
Columbaria Delicate Pink. Orchid pink. 2 ft 1/4 oz., 60c	.25	2.00
Delicate Lavender, 2 ft..... 1/4 oz., 60c	.25	2.00
Two above are not hardy in middle western and northern states.		
<b>Japonica.</b> Clear blue flowers, 30 in.....	.15	.50
<b>Webbiana.</b> Large fluffy flowers of pure true cream, splendid hardy variety always in bloom. Cuts well. Neat foliage, blooming June to November..... 1/4 oz., 90c	.35	3.20



RANUNCULUS Claremont Hybrids

<b>Scutellaria</b> X Coelestina. Dense bushy habit, abundance of light blue flowers..... 1/8 oz., 80c	\$0.25	....
<b>Sedum</b> X Acre (Golden Moss). A pretty subject for walls and rock gardens. Yellow. 3 in.....	.50	....
Aizoon. Yellow with brown. 5 in.....	.50	....
Mixed..... 1/4 oz., 85c	.35	....
<b>Sempervivum.</b> X Perennial species. Mixed.....	.35	....
<b>Senecio</b> Clivorum Orange Queen. Stately border plant; loves moisture. July. 4 ft.....	.35	....
<b>Sidalcea</b> Rose Queen. Splendid rose flowers. 1/4 oz., 70c	.35	\$2.80
Rosy Gem. Mallow rose, 18 in..... 1/4 oz., 50c	.25	1.80
New Hybrids. Mixed..... 1/4 oz., 50c	.25	1.80
<b>Silene</b> Alpestris. X Sheets of glistening white flowers from May to July. Prefers shade. 6 in.....	.50	....
Asterias Grandiflora. Large globular crimson-scarlet heads. 18 in.....	.50	....
Orientalis. X Bright red flowers in terminal umbels. 30 in.....	.15	.50
Saxifraga. X Creamy white, tinged red, 10 in. 1/4 oz., 80c	.35	....
Schafta. X Rosy purple, trailing habit, July. 8 in..... 1/4 oz., 50c	.25	1.80
Siberica. X Rose. 18 in.....	.35	....
<b>Solidago</b> (Golden Rod). Canadensis. 5 ft.....	.35	....
<b>Stachys</b> Lanata. Silver leaves, purple flowers, 24 in. .... 1/4 oz., 30c	.15	1.00
<b>Statice</b> Latifolia. Small lavender-blue flowers in large panicles. 1 ft..... 1/4 oz., 40c	.25	1.40
Caspia. Tender lilac color, 30 in..... 1/4 oz., 60c	.25	2.20
<b>Dumosa.</b> Dense cushions of pure silver-grey flowers; an improved Tatarica. 30 in..... 1/4 oz., 50c	.25	1.80
<b>Macrophylla</b> Atro-coerulea. Dark blue. 2 1/2 ft..... 1/4 oz., 75c	.25	2.60
<b>Perezii.</b> Free-flowering lavender species, 30 in. 1/4 oz., 50c	.25	1.80
<b>Tatarica</b> (Incana). Small white flowers may be dried. 18 in.....	....	....
<b>Stokesia</b> Cyanea (Stoke's Aster). Large blue flowers, dwarf habit, beautiful late bloomer. .... 1/4 oz., 50c	.25	1.60
Cyanea Alba. Blush white variety. 16 in. 1/4 oz., 40c	.25	1.40
<b>Sweet William.</b> See Dianthus Barbatus.		
<b>Teucrium</b> (Germander) Chamaedrys. Grey foliage, spreading habit, small rose colored flowers, 8 in.....	.25	....
<b>Thalictrum</b> Aquilegifolium (Meadow Rue). Graceful foliage, mixed colors, 40 in. .... 1/4 oz., 50c	.35	1.80
Aquilegifolium Purpureum. A fine variety with purple flowers..... 1/4 oz., 60c	.35	2.00
Adiantifolium. Flowers yellow, 18 in..... 1/4 oz., 45c	.15	1.40
<b>Dipterocarpum.</b> Lovely mauve flowers in large panicles, most charming for cutting. 4 to 5 ft. 1/4 oz., 45c	.25	1.50
Album. White, new.....	.25	....
Glaucum. Bronze-yellow, June, 4 ft..... 1/4 oz., 45c	.25	1.50
<b>Thermopsis</b> Caroliniana. Yellow pea-shaped flowers in long racemes. 3 ft..... 1/4 oz., 60c	.25	2.00
Montana. Dwarf. Only 1 1/2 ft., pale yellow. 1/8 oz., \$1.00	.50	....
<b>Thymus</b> Serpyllum. X (Wild Thyme.) Creeping habit, hairy foliage, purple flowers, 2 in..... 1/8 oz., 60c	.25	....
Serpyllum Coccineum. Bright red..... 1/8 oz., 60c	.25	....

Rock Plants are followed by X, and the heights given are of the plants when in bloom.



# Seeds of Biennials and Hardy Perennials

<b>Tritoma</b> Uvaria Grandiflora (Red-Hot Poker Plant or Torch Lily). 40 in. ....	1/4 oz., 45c	\$0.25	\$1.60
Hybrida, Perpetual-Flowering. Mixed. 3 ft. 1/4 oz., 60c	.25		2.20
Express. Early-flowering, yellow, bud red. 3 ft. ....	.25		....
Mirabilis. Yellow, blooms first year. 3 ft. 1/4 oz., 50c	.25		1.80
Pfitzer's Hybrids Scarlet. ....	1/4 oz., 75c	.25	2.80
<b>Trollius</b> (Globe Flower) Ledebouri. Late-flowering, large orange-yellow flowers. 2 ft. ....	1/4 oz., \$1.50	.50	5.40
Ledebouri Golden Queen. Large flowers, petals golden orange, yellow anthers. 3 to 4 ft. 1/4 oz., \$1.75	.50		6.00
Giant Devonshire. The flowers are 2 to 3 inches across of a glistening glowing orange. The plant is perfectly hardy. Grand for cutting and magnificent for border grouping. ....	1/2 oz., \$1.50	.50	....
Europaeus. Pale yellow. 20 in. ....	.50		....
Hybridus Orange Princess. Bright orange 1/4 oz., \$1.50	.50		5.40
Mixed. ....	1/4 oz., 1.00	.35	3.60
☞ Soak Trollius seed in hot water 30 minutes before sowing.			
<b>Tunica</b> X Saxifraga. Lilac-rose, May. 10 in. ....	.15		.80
<b>Valeriana</b> Alba white (Garden Heliotrope). 36 in. ....	.15		.60
Rubra (Coccinea). Purple rose. 36 in. ....	.15		.60
Mixed. White and red. ....	.15		.60
Officinalis. Heads of rose-tinted white flowers. June-July; with strong heliotrope odor. 4 ft. 1/4 oz., \$1.00	.35		....
<b>Verbascum</b> Miss Willmott. Large yellowish white flowers. 5 ft. ....	.20		1.20
Harkness Hybrids. Immense spikes of pure yellow, tall vigorous habit, splendid variety. 7 ft. 1/4 oz., 45c	.25		1.50
Olympicum. Silvery foliage, golden yellow flowers. 6 ft. ....	1/4 oz., 60c	.25	2.00
Phoeniceum Hybrids. Mixed. Graceful spikes in various shades including white, pink, salmon and violet. 2 ft. ....	.15		.90
<b>Verbena</b> Bonariensis. Upright growing, slender branched stems, numerous terminal umbels of rosy lavender flowers. ....	1/4 oz., \$1.25	.50	4.50
Canadensis. Of spreading habit, with large reddish lilac trusses of flowers, produced through entire summer. When it is in bloom, one would hardly believe that it could live over the winter, as its frail spreading habit resembles that of a soft annual. However, towards the end of the season, it produces at its base a new compact growth of a woodier texture which remains throughout the severest winter weather. ....	1/4 oz., 50c	.25	1.80
<b>Veronica</b> Amethystina. X Long racemes of bright blue flowers. 1 ft. ....	1/4 oz., 70c	.25	2.60
Incana (Candida). Ageratum-blue, silvery foliage. 12 in. ....	1/4 oz., 85c	.35	3.20
Longifolia (Maritima). Compact clusters of blue flowers. 30 in. ....	1/4 oz., 70c	.35	2.60
Hendersoni Nana. Dark blue, free flowering. 12 in. ....	1/4 oz., \$1.50	.50	....
Repens. X Dwarf branching, pale blue. 2 in. ....	1/4 oz., \$1.50	.50	....
Spicata. Various shades. 18 in. ....	1/4 oz., 60c	.25	2.00
Rosea. Pure pink. ....	.50		....
Teucrium Prostrata. Mixed. 6 in. ....	.50		....
Royal Blue. Dwarf bushy habit, bright dark blue flowers. 1 ft. ....	.50		....
Perennial Species. Mixed. ....	1/4 oz., 70c	.35	2.60

## Viola

<b>Cornuta</b> . Apricot, apricot-orange. ....	1/4 oz., \$1.20	.35	4.00
Admiration. Very large circular purple flowers. 8 in. ....	1/4 oz., \$1.00	.35	....
Arkwright Ruby. Bright ruby crimson, with central markings; velvety; fragrant. ....	1/8 oz., \$1.00	.35	6.00
Avalanche. Giant pure white. ....	.50		....
Black Prince. 8 in. ....	.25		....
Blue Beauty. Bright blue, early, free flowering. ....	.35		....
Blue Butterfly. Mid-blue shading to white. Resembles Pansy Beaconsfield. ....	1/4 oz., \$1.10	.35	3.80
Blue Perfection. Light blue, large flowered. 8 in. ....	1/4 oz., 85c	.35	2.80

## VIOLA Cornuta—Continued.

Trade pkt. Oz

Chantreyland. Masses of beautiful flowers in rich apricot shade, tinted orange toward the center. ....	1/4 oz., 75c	\$0.50	\$5.00
Golden Orange. Free flowering. ....	1/4 oz., 80c	.35	....
G. Wermig. Rich violet-blue. 8 in. ....	1/4 oz., \$1.60	.50	....
White Wermig. 8 in. ....	1/4 oz., 70c	.35	....
Ilona. Wine-red. ....	1/4 oz., 80c	.35	....
Jackanapes. Pure petals dark mahogany, three lower ones bright yellow. ....	.50		....
Jersey Gem. Compact habit, deep violet-blue. 8 in. ....	1/4 oz., \$3.20; 1/8 oz., \$1.80	.50	....
King Henry. Rich violet blue with small yellow eye. ....	1/8 oz., \$1.00	.50	....
Lutea Splendens. Chrome yellow. 8 in. ....	1/4 oz., 80c	.35	....
Mauve Queen. Reddish violet, 8 in. ....	1/4 oz., 70c	.35	....
Papilio. Blue and white, 6 in. ....	1/4 oz., 75c	.35	2.60
Primrose Dame. Sulphur yellow. 8 in. ....	.50		....
Primrose Perfection. A good yellow. ....	1/4 oz., \$1.40	.35	4.80
Puck. The 2 upper petals are clear purple-violet, the 3 lower, golden yellow. 6 in. ....	1/4 oz., \$1.40	.35	4.80
Rosea, 6 in. varies. ....	.35		....
Spring Messenger. Bright rich purple. ....	.35		....
White Perfection. White. Large fld., 8 in. ....	1/4 oz., 85c	.35	2.80
W. H. Woodgate. Violet-purple, large, round flowers on long stems, 9 in. ....	.50		....
Yellow Queen. Deep yellow, large size and good substance. ....	.50		....
Vaughan's Improved Scotch. Three and five blotched in splendid mixture. ....	1/4 oz., 60c	.25	2.20
Vaughan's Special Mixture. The bright shades of self colors of red, yellow, blue and apricot, combined with many shades which are blotched, undoubtedly make these Violas a supreme mixture. ....	1/4 oz., \$1.20	.50	4.00
Mixed. ....	1/4 oz., 60c	.25	2.20
Baby Delight. Early flowering, blooming in 70 days from seed. Makes dwarf but compact bushy growth with a height of not more than 8 in. The flower is lovely light blue, with a pleasing "face," about one inch in diameter. ....	1/4 oz., \$1.20	.35	4.00

## Viola—Various Types

Bosniaca. Free-blooming, small deep purple flowers, 4 in. ....	1/4 oz., 70c	.25	2.40
Calcarata. A long stemmed variety. Makes dense wide cushions set above with flowers. A royal indigo with radiate pencillings but there will also be purple, cream or rare pink lilac. ....	.50		....
Florariense. Beautiful lavender. ....	1/8 oz., \$1.50	.50	....
Gracilis Lord Nelson. Violet-purple, 6 in. ....	1/4 oz., 90c	.35	....
Eisenach Jewel. Small-flowered, deep violet. ....	.50		....
Johnny Jump Up. Little Pansy faces of purple, blue and yellow. ....	1/16 oz., \$1.00	.50	....
Jooi. In full flower by early April, before its own leaves appear. It is then a cushion mound of pink lilac, hundreds of blossoms in a veritable color-turf of their own making. Usually reblooms in autumn. Sometimes called Jewel Violet. ....	.50		....
Nigra (Bowles Black Pansy). Interesting and attractive little pansy, pretty small black flowers. ....	.50		....
Wallflower. Double Annual "Early Wonder." This remarkable Wallflower comes into bloom within 5 months from sowing. These must be grown in 4-inch flats; they do not like too much root room. 2 ft. ....	.25		....
Canary-Yellow (Gold Standard) ....	1/4 oz., 75c	.25	....
Golden Yellow. ....	1/4 oz., \$1.00	.25	....
Dark Brown. ....	1/4 oz., 75c	.25	....
Violet. ....	1/4 oz., \$1.00	.25	....
Double Annual Early Wonder, Mixed. ....	1/4 oz., 50c	.25	1.80
Double Tall Branching, mixed. ....	.50		....
Single Goliath. Early-flowering dark brown. 2 ft. ....	.15		.50
Mixed. ....	.10		.30
Parisian Forcing, mixed, 15 in. ....	.15		.60
Annual Blood-Red. ....	.10		.40
Yellow, 20 in. ....	.10		.40
Wistaria Sinensis. Blue. ....	.10		.30
Yucca Filamentosa (Adam's Needle). ....	.15		.50

Rock Plants are followed by X, and the heights given are of the plants when in bloom.



# Summer Flowering Bulbs

FOR WHOLESALE  
TRADE ONLY

ALL PRICES SUBJECT TO CHANGE WITHOUT NOTICE



DOUBLE BEGONIA



ACHIMENES

## AMARYLLIS

Large Flowering Hybrids

One of the finest strains of Amaryllis we have ever seen, raised by eminent growers whose stock and hybridization for many years we have purchased in its entirety. Flowers are immense, borne as a rule four to a stem, in an amazing and beautiful range of colors, blended, splashed and striped in a manner not seen in other strains.

	Doz.	100
2-2½ inch.....	\$2.00	\$15.00
2½-3 inch.....	2.50	18.00
3-3½ inch.....	4.50	30.00

## ACHIMENES

This is closely related to the Gloxinia. Plant 6 to 7 bulbs in a 5-inch pot, or 9 to 10 in a 6-inch pot. The soil used for potting should be rich in humus and of an open, porous nature, allowing perfect drainage. A good mixture to use is equal parts of loam, leaf mold and sand. About one-third of the depth of the pots or pans should be occupied with drainage. After the young growth appears, great care should be taken to keep the soil moist, for a single severe drying will ruin the plant. Blooming time 8 to 10 weeks after planting.

	Doz.	100	1000
Lavender, Purple, Red.....	\$ .35	\$2.00	\$15.00
Blue.....	.40	2.50	18.00
White.....	.45	3.00	20.00
Orchid, Pink.....	.60	4.00	30.00

## BEGONIAS

Tuberous-Rooted

Every florist should grow some of these bulbs, as they make showy plants that find ready sales in the spring and summer. Use 4-inch pots and shift later to 5 and 6-inch pots if larger plants are wanted. A compost of one part rotted cow manure to two parts loam and one part leaf mold will give good results. Water sparingly until growth is started. They like a 55-58 degree temperature at night.

Single Crispa, Separate Colors:

	Doz.	100	1000
Small size.....	\$1.10	7.00	65.00
Medium size.....	1.75	12.00	110.00
Large size.....	2.20	16.50	155.00

Double Camellia-flowered, Separate Colors:

	Doz.	100	1000
Small size.....	1.10	7.00	65.00
Medium size.....	1.75	12.00	110.00
Large size.....	2.20	16.50	155.00

Carnation-flowered, Separate Colors:

	Doz.	100	1000
Small size.....	1.10	7.00	65.00
Medium size.....	1.75	12.00	110.00
Large size.....	2.20	16.50	155.00

Narcissus-flowered.....

1.75 12.00 110.00

Pendula or Hanging Basket Type.....

2.20 16.50 155.00

## CALADIUM ESCULENTUM

(Elephant's Ear)

Sizes	Doz.	100	1000
5 to 7 inch circumference.....	\$0.50	\$ 3.00	\$25.00
7 to 9 inch circumference.....	.75	5.00	45.00
9 to 11 inch circumference.....	1.20	7.50	70.00
11 to 12 inch circumference.....	2.00	14.00	.....
12 inch and upwards, very large.....	2.50	18.00	.....

## TUBEROSES

Well-Cured Bulbs

Our Bulbs are secured from dependable growers who are very careful in selecting the best Dwarf Excelsior Pearl Type.

	100	1000
Dwarf Excelsior Pearl (First size, 4 to 6 inch.....)	\$3.00	\$25.00
(Second size, 3 to 4 inch.....)	1.75	15.00
Mexican.....	2.00	18.00

## MISCELLANEOUS BULBS

	Doz.	100	1000
APIOS TUBEROSA. Climber.....	\$0.90	\$6.00	\$55.00
CALLAS Elliottiana. Yellow. 2-2½ inch.....	1.40	9.50	90.00
2½-3 inch.....	2.00	15.00	145.00
CHLIDANTHUS Fragrans.....	.75	5.00	45.00
CINNAMON VINES. Climber, large roots.....	.70	4.50	40.00
HYACINTHUS CANDICANS. 1½-2 inch.....	.60	4.00	35.00
2 inch up.....	1.00	6.50	60.00
ISMENE CALATHINA, (White) Peruvian Daffodil.....	1.35	9.00	85.00
MADEIRA VINE. 2-3 inch.....	.45	3.00	25.00
3 inch up.....	.60	4.00	35.00
MILLA BIFLORA. Showy white star-shaped flowers.....	1.00	6.50	60.00
MONTBRETIA MIXED.....	.55	3.50	30.00
MONTBRETIA Earham Hybrids, Mixed.....	1.00	7.00	60.00
OXALIS. In separate colors.....	.....	1.00	7.00
SPREKELIA. Scarlet. Large.....	1.75	12.00	.....
TIGRIDIAS, Separate Colors.....	1.00	6.50	60.00
TIGRIDIAS MIXED.....	.80	5.50	50.00
ZEPHYRANTHUS CANDIDA (White).....	.35	2.00	18.00
ZEPHYRANTHUS ROSEA (Pink).....	.55	3.50	30.00

## GLOXINIAS

Small size.....	Doz. \$2.00; 100, \$15.00; 1000, \$140.00
Medium size.....	Doz. 3.00; 100, 20.00; 1000, 180.00

## LILY BULBS

FROM COLD STORAGE F. O. B. CHICAGO

### LILIUM LONGIFLORUM GIGANTEUM

All of our advance orders for later delivery from cold storage have been provided and deliveries will be made in full.

	100	Case
6 to 8 inch (400 to case).....	\$6.50	\$22.50
7 to 9 inch (300 to case).....	8.50	22.50

### LILIUM REGALE

The flowers are white, shading to yellow in the center, with a pink tinge on the outer edges. A strong grower, some 3 to 4 feet high. It is deliciously scented, and its extreme hardiness makes it a valuable lily for outdoor planting.

	Doz.	100	1000
6 to 7 inch.....	\$0.90	\$6.00	\$55.00
7 to 8 inch.....	1.25	8.00	75.00
8 to 9 inch.....	1.60	11.00	100.00
9 to 10 inch.....	2.00	15.00	140.00

### AURATUM—GOLD-BANDED

Flowers white, dotted crimson, with a clear golden band running through center of each petal; very fragrant.

	Doz.	100	Case
8 to 9 inch (180 bulbs to a case).....	\$1.50	\$10.00	\$16.00
9 to 11 inch (125 bulbs to a case).....	2.00	15.00	16.00

### SPECIOSUM RUBRUM MAGNIFICUM

Flowers are of good substance; will last a long time and do not all open at once.

	Doz.	100	Case
8 to 9 inch (200 bulbs to a case).....	\$1.50	\$10.00	\$17.00
9 to 11 inch (140 bulbs to a case).....	1.90	14.00	17.00

## OTHER LILIES

	Doz.	100
LILIUM ELEGANS. Mixed.....	\$1.50	\$10.00
LILIUM HENRYI. Apricot yellow, 8-9 inch.....	1.50	10.00
9-11 inch.....	1.75	12.00
LILIUM JAPONICUM. Pink.....	1.80	13.00
LILIUM PARDALINUM.....	1.75	12.00
LILIUM PHILLIPINENSE FORMOSANUM.....	1.75	12.00
LILIUM SUPERBUM. Orange.....	1.50	10.00
LILIUM TENUIFOLIUM.....	1.00	6.50
LILIUM TIGRINUM Splendens.....	1.25	8.00
LILIUM TIGRINUM Fl. Pl.....	1.50	10.00
LILIUM UMBELLATUM, mixed.....	1.75	12.00





PALM SPRINGS.



HOPI.



MINJET.



DR. BENNETT.



EDITH MASON.

# Vaughan's Glorious Gladioli

Prices subject to change without notice. Grown on our own farms from our own planting stocks.

IF SECOND SIZE Bulbs are wanted, deduct 20% from prices below except where noted.

	100	1000
AFLAME. Giant begonia rose. First size.....	\$2.00	\$15.00
ALBATROSS. Clear white. First size.....	1.90	14.00
Second size.....	1.60	11.00
ALBANIA. Large pure white. First size.....	1.50	10.00
Second size.....	1.25	8.00
AVE MARIA. Medium blue.....	2.30	18.00
BAGDAD. Smoky old rose. First size.....	1.50	10.00
Second size.....	1.25	8.00
BERTY SNOW. Lavender pink.....	1.60	11.00
Second size.....	1.35	9.00
BETTY NUTHALL. Pink suffused orange. First size.....	1.50	10.00
Second size.....	1.25	8.00
BILL SOWDEN. Large deep blood red.....	2.50	20.00
BOB WHITE. Pure white.....	1.90	14.00
Second size.....	1.70	12.00
BREAK O' DAY. Soft La France pink. First size.....	1.25	8.00
Second size.....	.90	6.00
CACTUS ROSE. Rich velvety purplish red. First size.....	1.70	12.00
Second size.....	1.50	10.00
CADILLAC. Tall spike, flowers well placed and of good form. Color golden apricot fading to apricot-rose toward edge of petals, no throat markings, stamens and pistils creamy white. First size.....	1.70	12.00
Second size.....	1.50	10.00
CHARLES DICKENS. Violet purple. First size.....	2.10	16.00
Second size.....	1.80	13.00
CHICAGO, WHITE. First size.....	1.25	8.00
Second size.....	.90	6.00
COMMANDER KOEHL. Dark scarlet. First size.....	2.10	16.00
Second size.....	1.80	13.00
CARMEN SYLVA. Late white. First size.....	1.70	12.00
Second size.....	1.35	9.00
DEARBORN. Immense florets of deep flesh color, light coral reflex, lip amber yellow, blending to flesh, marked with a feathering of deep crimson. First size.....	1.90	14.00
Second size.....	1.60	11.00

	100	1000
DEBONAIR. La France pink. First size.....	\$1.25	\$ 8.00
Second size.....	.90	6.00
DIANA. Blood-red, very large.....	1.90	14.00
DR. F. E. BENNETT. Gigantic red. First size...	2.00	15.00
Second size.....	1.50	10.00
DR. MOODY. Light lavender.....	1.90	14.00
DUNA. Soft light pink.....	1.70	12.00
EARLY DUNE. Salmon-orange.....	1.90	14.00
EDITH MASON. Pure pink. First size.....	1.70	12.00
Second size.....	1.50	10.00
EDITH ROBSON. Light salmon-rose, red blotch.....	2.10	16.00
ELIZABETH TABOR. Delicate rosy pink on white ground.....	1.50	10.00
FLAMING SWORD. Scarlet, early. First size...	1.25	8.00
Second size.....	.90	6.00
GAY HUSSAR. Orange-scarlet. First size.....	1.70	12.00
Second size.....	1.35	9.00
GIANT NYMPH. Large La France pink. First size.....	1.25	8.00
Second size.....	.90	6.00
GOLD EAGLE. Tall, deep yellow. First size...	1.25	8.00
Second size.....	.90	6.00
GOLDEN DREAM. Clear, deep yellow. First size.....	1.25	8.00
Second size.....	.90	6.00
HALLEY. Salmon-pink. First size.....	1.50	10.00
Second size.....	1.25	8.00
HELGA. Salmon-pink. First size.....	1.50	10.00
Second size.....	1.25	8.00
HOPI. Bright maroon, dark blotch. Better than Anna Eberius.....	1.90	14.00
IMPROVED SCHWABEN. Light yellow.....	1.70	12.00
KALAMAZOO. Violet purple. First size.....	2.00	15.00
Second size.....	1.70	12.00
KING ARTHUR. Beautiful ruffled mauve.....	2.10	16.00
LAVENDER DELIGHT. Lavender. First size.....	1.90	14.00
Second size.....	1.60	11.00
LOS ANGELES. (Prim.) Bright pink. First size...	1.25	8.00
Second size.....	.90	6.00
LUSTRE. Orange vermillion.....	2.20	17.00
MAID OF ORLEANS. Milky white, cream throat. First size.....	2.00	15.00
Second size.....	1.70	12.00
MAMMOTH WHITE. Pure white. First size.....	1.70	12.00
Second size.....	1.35	9.00





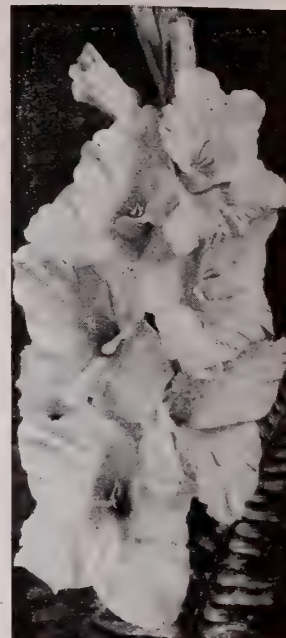
PICARDY.



SEAFOAM.



DEBONAIR



SHIRLEY TEMPLE.

GLADIOLI—Continued.		100	1000
MARGARET FULTON. Rose-salmon. First size	\$1.70	\$12.00	
Second size	1.50	10.00	
MARMORA. Smoky grey. First size	1.90	14.00	
Second size	1.50	10.00	
MARY SHARY. Clear soft primrose yellow with a deeper yellow on throat. First size	1.90	14.00	
Second size	1.60	11.00	
MILDRED LOUISE. Pure salmon-pink	2.00	15.00	
MINUET. Large, light lavender. First size	2.20	17.00	
Second size	1.80	13.00	
MISS BLOOMINGTON. Deep lemon-yellow. First size	2.00	15.00	
Second size	1.70	12.00	
MOTHER MACHREE. Smoky lavender	2.50	20.00	
MRS. LEON DOUGLAS. Immense rose. First size	1.50	10.00	
Second size	.90	6.00	
MRS. F. L. KARCHER. Light salmon blending to orange. First size	1.70	12.00	
Second size	1.50	10.00	
MRS. FRANCIS KING. Vermilion. First size	1.70	12.00	
Second size	1.35	9.00	
MRS. T. J. KNUDSON. Clear light violet, shading deeper towards the outer edge of petals. The throat has a deep violet plume, tipped or capped by a characteristic bright creamy spire, giving it a very striking effect. First size	2.30	18.00	
Second size	1.90	14.00	
MRS. FRANK PENDLETON. Pink. First size	1.70	12.00	
Second size	1.35	9.00	
MRS. P. W. SISSON. Immense ruffled pink. First size	1.50	10.00	
Second size	1.25	8.00	
MRS. E. J. HEATON. Strawberry-pink. First size	2.50	20.00	
Second size	2.10	16.00	
ORANGE QUEEN. (Prim.) Large, orange. First size	1.35	9.00	
Second size	1.00	7.00	
PALM SPRINGS. Soft orange-buff. First size	2.00	15.00	
Second size	1.70	12.00	
PEACE. White, blotched purple. First size	1.50	10.00	
Second size	1.25	8.00	
PELEGRINA. Deep blue. First size	2.30	18.00	
Second size	1.90	14.00	
PFITZER'S TRIUMPH. Salmon-red	2.00	15.00	
PICARDY. Delicate apricot pink. First size	1.25	8.00	
Second size	.90	6.00	
Third size	.75	5.00	
PINK MEDALLION. (Prim.) True pink	1.50	10.00	
PRIDE OF WANAKAH. Lavender rose			
First size	1.50	10.00	
Second size	1.25	8.00	

	100	1000
RED LORY. Large red, purplish blotch	\$2.10	\$16.00
RED PHIPPS. Really a pink overlaid scarlet. First size	2.00	15.00
Second size	1.70	12.00
ROYAL OAK. Primrose yellow. First size	2.10	16.00
Second size	1.80	13.00
SALBACH'S ORCHID. Pink-orchid shade. First size	2.00	15.00
Second size	1.70	12.00
SEAFOAM. (Prim.) White. First size	1.50	10.00
Second size	1.25	8.00
SEÑORITA. Very clear wide open orange, shading to salmon. First size	2.00	15.00
Second size	1.70	12.00
SHIRLEY TEMPLE. Large ruffled cream white	2.50	22.50
SOUTHERN CROSS. Deep red	2.00	15.00
SOUVENIR. (Prim.) Daffodil yellow. First size	1.25	8.00
Second size	.90	6.00
STAR OF BETHLEHEM. Pure white. First size	2.50	20.00
Second size	2.10	16.00
VAGABOND PRINCE. Mahogany brown with flame blotch	3.00	25.00
VAUGHAN'S WHITE. Best white. First size	2.00	15.00
Second size	1.80	13.00
VIRGINIA. Scarlet. First size	1.70	12.00
Second size	1.35	9.00
WASAGA. Clear apricot, buff throat. First size	1.25	8.00
Second size	.90	6.00
W. H. PHIPPS. La France pink. First size	1.50	10.00
Second size	1.25	8.00
WILBRINK. Lavender pink. First size	1.25	8.00
Second size	.90	6.00
WURTEMBERGIA. Dazzling large light red, cream throat	2.30	18.00
YELLOWSTONE (Prim.) Tall clear yellow	1.70	12.00
STANDARD MIXED. Not a field grown mixture, but blended thoroughly after harvest. All good, standard sorts. First size	1.25	8.00
Second size	.90	6.00

## EXTRA FINE MIXTURE

	100	1000
A mixture of fine, popular, higher priced varieties, containing a fine range of colors. First size	\$ 1.70	\$12.00
Second size	1.50	10.00

## DE LUXE MIXTURE

	100	1000
Put up 100 to the bag, to assure a splendid mixture. All high class, superfine varieties. First size	2.50	20.00
Second size	2.10	16.00
PRIMULINUS HYBRIDS. Mixed	1.50	10.00



# Perennial Plant Specialties

We list and describe below plants of perennials which are much in demand, including most recent introductions. All in strong pot plants or one-year field roots except as noted. Less than 5 at double the rate per 100; 5 or more at the 10 rate; 25 or more at the 100 rate.

## ANCHUSA

**Myosotidiflora (The Forget-me-not Anchusa).** 1 ft. April-May. A lovely spring perennial which blossoms with the late tulips, forming a mound of attractive foliage almost hidden by pale blue forget-me-not blossoms held above the foliage on straight stems. 10, \$1.00; 100, \$8.00.

## HARDY ASTERS

**Frikarti (Wonder of Stafa).** Amellus type, blooming from late August till heavy frost. Many large sky-blue flowers on plants 24 in. high. 2½-inch pots, 10, \$3.00; 100, \$25.00.

**Skylands Queen.** 3 ft. Pale blue. Largest flowers and heaviest bloomer of all. 10, \$1.25; 100, \$10.00.

## BUDDLEIA

**Dubonnet.** The new Dubonnet wine shade. 2½-inch pots, 10, \$3.15; 100, \$25.00.

**Fortune.** Patented. Pure lilac, excellent cut flower. 2½-inch pots, 10, \$3.15; 100, \$25.00.

**Hartwegi.** Bright lilac of good growth. Profuse bloomer. 2½-inch pots, 10, \$1.25; 100, \$10.00.

## CHRYSANTHEMUM SHASTA ALASKA

**Giant Double.** A selected strain of double Shasta Daisies. Contains many large full-double, semi-double, also frilled types. 2½-inch pots, 10, \$1.50; 100, \$12.00.

**Supreme.** A late flowering large Shasta Daisy of compact growth and unusual hardiness. 10, \$1.25; 100, \$10.00.

## DELPHINIUM

**Pacific Hybrids.** Immense flowers tightly set on strong, whippy stems, the best strain so far produced, for either cut flowers or garden display.

**Mixed Blue or Pure White.** Field grown, 10, \$1.85; 100, \$15.00; 2½-inch pots, 10, \$1.00; 100, \$8.00.

**Lamartine.** Much superior to Indigo. Tall vigorous plant, many spikes of large indigo blue. 10, \$1.25; 100, \$10.00.

**Improved Belladonna.** Best cut flower variety. Pale turquoise blue. Good for forcing. 10, \$1.00; 100, \$8.00.

## DICENTRA (Bleeding Heart)

**Spectabilis.** Valuable plant for shady positions also much used for forcing. Strong 5 to 8-eye roots. 10, \$2.50; 100, \$20.00.

## ERIGERON

**Amos Perry (Rare Blue Daisy).** Compact growth. Large sky-blue daisies on 1 ft. stems all summer. 10, \$1.50; 100, \$12.00.

## EUPATORIUM (Hardy Ageratum)

**Coelestinum.** 2 ft. Aug.-Oct. Grows into large bushes with abundant lavender flower-heads like Ageratum. Excellent cut flower. 10, \$1.00; 100, \$8.00.

## FUNKIA (Day Lily)

**Variegata.** Well known variety with green and white variegated foliage. Good for forcing in pots. Strong field grown. 10, \$1.25; 100, \$10.00.

## GYPSOPHILA PANICULATA

**Bristol Fairy (Double Baby's Breath).** Blooms much earlier than *Paniculata* fl. pl. and produces a second crop of spikes after the first have been cut. Grafted plants—3-inch pots, 10, \$1.50; 100, \$12.50. Field grown, 10, \$2.20; 100, \$17.50.

## HELIANTHUS

**Helianthus Multiflorus Plenus.** Double golden yellow Chrysanthemum-like flowers. Aug.-Sept. 4 ft. tall. 10, \$1.25; 100, \$10.00.

**Heliopsis Double Lemoine.** Large semi-double orange yellow flowers, from July till frost. 10, \$1.25; 100, \$10.00.

## LIATRIS

**September Glory.** New late blooming variety. Full rosy purple spikes. 3-4 ft. tall. 10, \$1.85; 100, \$15.

**Spicata Pumila.** New dwarf type. Many 18-inch rosy purple spikes in August and September. Has great possibilities as a cut flower. Field grown roots, 10, \$1.50; 100, \$12.00.



CHRYSANTHEMUM Chiffon

## NOVELTIES

The following new introductions have been well advertised and will have a wide sale.

### ASTERS

**Harrington's Pink.** First true pink hardy Michaelmas daisy. Large flowers of luminous salmon pink on bushy plants. 3 ft. tall 2½ inch pots, 10, \$2.50; 100, \$20.00.

**Mount Everest.** Large pure white blooms with yellow central disc. Bushy growth 3 ft. tall. Conceded the best white aster. 2½-inch pots, 10, \$1.25; 100, \$10.00.

### NEW BUDDLEIA

**Charming.** Long sprays of lavender pink, blooms from August till frost. An ideal cut-flower for summer work. 2½-inch pots, 10, \$1.85; 100, \$15.00.

### NEW SHASTA-DAISIES

**Chiffon.** Distinctly different from other types and remains true in habit of growth and bloom. Rapid grower, blooms perpetually, semi-double flowers 1½ inch diameter on 2 ft. stems with many fringed and laciniated petals. Good cut flower. 2½-inch pots, 10, \$1.85; 100, \$15.00.

**Esther Reed.** A European introduction of great merit. Stocky, bushy growth, continually in bloom. Stiff stems, about 15 inches, with very double snow-white flowers 3 inches across. Blooms are heavy and substantial, lasting a long time, whether cut or on the plant. 2½-inch pots, 10, \$4.00; 100, \$35.00.

### WORLD'S BEST DELPHINIUMS

**Pacific Hybrids.** Originating in California, this new strain is a persistent bloomer producing large double flowers on heavy stems. We offer well established pot plants of following named varieties: **Black Knight**, darkest of all **Blue Bird**, medium blue. **Blue Jay**, dark blue, dark blue. **Cameliard**, lavender, white bee. **Galahad**, pure white. **Guinevere**, lavender-pink, white bee. **King Arthur**, violet, white bee. **Lancelot**, lilac white bee. **Summer Skies**, light blue, white bee. 2½-inch pots, 10, \$1.25; 100, \$10.00.

### TROLLIUS

**Gold Quelle.** New European variety. Strong growth, blooms June and again in late fall. Large flowers of deepest orange opening wider than other varieties and having tall upright stamens shaped like a crown. 2½-inch pots, 10, \$1.85; 100, \$15.00.

### RUDBECKIA

**The King.** Great improvement over the ordinary cone flower. Handsome bright pink blooms from July till frost, lasting a long time on the plants or when cut. Very ornamental and a good cut flower. 10, \$3.00; 100, \$25.00.

## NEW HEMEROCALLIS

New hybrids of this well known hardy perennial are far superior to the older varieties.

**Calypso.** Large pale yellow flowers, slightly ruffled June. Field grown. Each, 20c; 10, \$1.75; 100, \$15.

**Margaret Perry.** Dark scarlet orange, suffused yellow. July. Field grown. Each, 60c; 10, \$5.00; 100, \$40.00.

**Mikado.** Bright orange maroon, transverse bars on three petals. June. Field grown. Each, 60c; 10, \$5.00; 100, \$40.00.

## LUPINS

**Russell Hybrids.** Remarkable new strain, wide range of colors. Field grown. 10, \$1.50; 100, \$12.

## MATRICARIA (Feverfew)

**Capensis fl. pl.** Double white. Good cut flower inside or outdoors. 2½-inch pots, 10, \$1.00; 100, \$8.00.

## NIEREMBERGIA

**Hippomanica.** 4 to 6 inches high, a cushion of elegant light green foliage from which emerge corymbs of salver-shaped flowers of a delicate lavender hue. 2-inch pots, 10, \$1.00; 100, \$8.00.

## PLUMBAGO (Leadwort)

**Larpentae.** Low growing, brilliant sky blue flowers continuously from July till frost. 2½-inch pots. 10, \$1.25; 100, \$10.00.

## JAPANESE BURNET

**Poterium Obtusum.** A rare perennial, showy and hardy. Graceful pinnate foliage, ornamental red blooms resembling giant catkins in July. 2 ft. Field grown roots, 10, \$1.25; 100, \$10.00.

## PRIMULA

**Acaulis Lilacina, Fl. Pl. (Lavender Beauty).** A fine new double variety, similar in habits and character to *Primula Veris*, with double lilac blooms. 10, \$2.25; 100, \$18.00.

**Veris Mixed.** 6-inch. Flowers in April and May in shades of yellow, red and brown. Field grown. 10, \$1.50; 100, \$12.00.

## ROSA ROULETTI

**Miniature Rose.** Polyantha type, double pink flowers all summer. 6 to 12 inches tall. 3-inch pots. 10, \$1.85; 100, \$15.00.

## SALVIA

**Pitcherii Meadow Sage.** 3½ ft. Sept.-Oct. Deep blue. A great improvement over *Azurea*; blooms three weeks later. 10, \$1.25; 100, \$10.00.

## STATICE (Sea Lavender)

**Latifolia.** 2 ft. Dense branching plumes of deep blue flowers. 10, 85c; 100, \$7.00.

## STRAWBERRY

**Baron Solemacher.** Everbearing Alpine small fruited variety without runners; flowers within eight weeks after sowing and produces quantities of fruit throughout the season. 2½-inch plants, 10, \$1.00; 100, \$8.00.

## TRITOMA

**Pfitzeri (Red Hot Poker).** Ideal cut flower. Scarlet orange blooms in September and October. 10, \$1.25; 100, \$10.00.

## VINCA Minor (Grave Myrtle)

**Bowles Variety.** A new European form, larger and glossier leaves and flowers. The plant stays in bloom much longer and the flowers are a charming intense shade of periwinkle blue. 10, \$1.25; 100, \$10.00.

## VIOLET

**Double Russian.** Most popular garden violet and still relatively scarce. Very fragrant, winter blooming and perfectly hardy. 2½-inch pots, 10, \$1.50; 100, \$12.00.

**Rosina.** New. Bears abundance of fragrant rose-pink flowers. It blooms freely in autumn, often all October. Extremely hardy and a gem for the shady corner. 10, \$1.50; 100, \$12.00.

**Freys Fragrant.** Large single fragrant purple, long stems. Good for outdoors or forcing under glass. 10, \$1.25; 100, \$10.00.





DICTAMNUS Fraxinella (Gas Plant)



SHASTA DAISIES Giant Double



DICENTRA (Bleeding Heart)

## GENERAL LIST OF PERENNIAL PLANTS

### PLANTS FOR ROCK GARDENS

The sign X is placed after varieties especially suited for use in rock gardens. Star (★) designates varieties of exceptional merit.

	10	100
<b>ACHILLEA</b>		
Crimson Beauty. Dark rose-pink. 2 ft. All summer.....	\$1.00	\$ 8.00
Perry's Variety. Double white. 2 ft. All summer.....	1.00	8.00
The different varieties of Achillea are much used for cut flowers.		
<b>AJUGA Reptans.</b> X. Blue. 5 in. May.....	1.25	10.00
<b>ALYSSUM Saxatile Compactum.</b> X. Yellow. 1 ft. May.....	1.15	9.00
<b>ANCHUSA Italica Dropmore.</b> Blue. 4 ft. June-Sept.....	1.00	8.00
★ <b>Myosotidiflora.</b> X. Blue. 1 ft. May-June.....	1.00	8.00
<b>ANEMONE Japonica.</b>		
Alba. Single white.....	1.25	10.00
Hupehensis. Rose-pink.....	1.25	10.00
Queen Charlotte. La France pink, semi-double.....	1.25	10.00
Whirlwind. Excellent double white.....	1.25	10.00
<b>ANTHEMIS Perry's Variety.</b> Yellow. 2 ft. All summer.....	1.25	10.00
Moonlight. Pale yellow. 2 ft. All summer.....	1.25	10.00
<b>AQUILEGIA (Columbine).</b>		
Coerulea. Blue and white. 2½ ft. June.....	1.25	10.00
Crimson Star. Coppery crimson, long spurs. 2½ ft. June.....	1.50	12.00
Dobbie's Imperial Hybrids. Mixed. 2½ ft. June.....	1.25	10.00
★ <b>Longissima Hybrids.</b> Giant long spurred mixture. 2½ ft. June.....	1.85	15.00
Mrs. Scott Elliott. Long-spurred mixture. 2½ ft. June.....	1.25	10.00
<b>ARABIS Alpina.</b> X. (Rockcress.) White. 6 in. Apr.-June.....	1.00	8.00
<b>ARMERIA Bee's Ruby.</b> X. Red. 10 in. June-July.....	1.25	10.00
<b>ARTEMISIA Lactiflora.</b> White. 4 ft. Aug.-Sept.....	1.00	8.00
Silver King. Silvery foliage. 3 ft. All summer.....	1.00	8.00
<b>ASCLEPIAS Tuberosa.</b> Orange. 2 ft. July-Aug.....	1.00	8.00
<b>ASPARAGUS Verticillatus.</b> Fine foliage plant. 12 ft.....	1.00	8.00
<b>ASTER Alpinus.</b> X. Blue. 9 in. May-June.....	1.00	8.00
★ <b>Beechwood Challenger.</b> New. Darkest known red. 3 ft. Sept.....	1.85	15.00
Charles Wilson. Best red. 2½ ft. September.....	1.25	10.00
Climax. Blue. 4-5 ft. Sept.-Oct. One of the best fall cut flowers.....	1.25	10.00
★ <b>Frikarti (Wonder of Stafa).</b> Sky-blue. 2 ft. Aug.-Oct.....	3.00	25.00
★ <b>Harrington's Pink.</b> Salmon-pink. 3 ft. Sept.....	2.50	20.00
★ <b>Hybridus Luteus (Solidago).</b> Small yellow. 2 ft. Sept.....	1.25	10.00
★ <b>Mount Everest.</b> Large white. 3 ft. Sept.....	1.25	10.00
★ <b>Skylands Queen.</b> New. Sky-blue. 2½ ft. Sept.....	1.25	10.00
★ <b>Wartburg Star.</b> X. Lavender-blue. 6 in. May.....	1.85	15.00
<b>New Dwarf Varieties</b>		
Countess of Dudley. Clear pink. 12 in. Sept.....	1.15	9.00
Snowsprite. X. White. 6 in. Sept.....	1.15	9.00
Victor. Lavender-blue. 9 in. Sept.....	1.15	9.00
<b>AUBRIETIA Hybrids.</b> X. (Wall Cress). Shades of lavender. 6 in. April-May.....	1.25	10.00
<b>BAPTISIA Australis.</b> Blue. 3 ft. June-July. 2 year clumps.....	.85	7.00
<b>BOLTONIA Latisquama.</b> Pale pink daisies. 4 ft. Sept.....	1.00	8.00
<b>BUDDLEIA ★Charming.</b> New pink variety, fast growing, large blossoms.....	1.85	15.00
★ <b>Dubonnet.</b> Dubonnet wine color. July-Sept. 2½-in. pot plants.....	3.15	25.00
★ <b>Fortune.</b> Pure lilac Buddleia. A patented variety of great merit. Large rose-pink blossoms. July-Sept. 2½-in. pot plants.....	3.15	25.00
★ <b>Hartwegi.</b> Bright lilac. Fine cut flower. 2½-in. pot plants.....	1.25	10.00
★ <b>Ile de France.</b> (New.) Dark purple. 4 ft. July-Sept. 2½ in. pot plants.....	1.25	10.00
<b>CAMPANULA Calycanthema</b> (Canterbury Bells, Cup and Saucer). Blue. 3 ft. July.....	1.00	8.00
Calycanthema. Pink. 3 ft. July.....	1.00	8.00
Calycanthema. White. 3 ft. July.....	1.00	8.00
Carpatica. Blue. X. 9 in. July-Aug.....	1.00	8.00
Alba. X. White. 9 in. July-Aug.....	1.00	8.00
Glomerata Superba. Purple. 2 ft. July-August.....	1.25	10.00

### CAMPANULA Continued.

	10	100
Medium (Canterbury Bells). Blue. 3 in. June-July.....	\$1.00	\$8.00
Mixed. 3 ft. June-July.....	1.00	8.00
Rose. 3 ft. June-July.....	1.00	8.00
White. 3 ft. June-July.....	1.00	8.00
Persicifolia. Blue. 2 ft. June-July.....	1.00	8.00
Alba. White. 2 ft. June-July.....	1.00	8.00
<b>CARNATION Grenadin.</b> 1 ft. July. Pink, red, yellow and white.....	1.50	12.00
<b>CENTAUREA Macrocephala.</b> Yellow. 3 ft. June.....	1.25	10.00
<b>CENTAUREA Montana.</b> Blue. 2 ft. June-Sept.....	1.00	8.00
<b>CHIVES.</b> Herb for seasoning.....	.90	7.00
<b>CHRYSANTHEMUM</b>		
★ <b>Chiffon (New).</b> Fringed and laciniated semi-double white flowers on stout stems over a long blooming period.....	1.85	15.00
★ <b>Clara Curtis.</b> Pink daisies in profusion. 2 ft. Sept.....	2.25	18.00
★ <b>Esther Reed (New).</b> Full compact double. Snow white on stout stems. Constantly in bloom.....	4.00	35.00
★ <b>Giant Double.</b> Selected strain. 2 ft. All summer.....	1.50	12.00
Maximum (Shasta Daisy). White. 2 ft. July-Aug.....	1.00	8.00
★ <b>Supreme.</b> Large white. One of the best. 2 ft. July-Aug.....	1.25	10.00
<b>CHRYSOBOLTONIA Pulcherrima.</b> New hybrid daisy. Pale pink. 1½ ft. Sept.....	1.00	8.00
<b>CONVALLARIA MAJALIS.</b> Lily of the Valley. Field grown.....	1.85	15.00
<b>COREOPSIS Lanceolata Grandiflora.</b> Yellow. 2 ft.....	.85	7.00
<b>Grandiflora Fl. Pl.</b> Double, from seed. 2 ft. All summer.....	1.25	10.00
<b>DAISY ★Hartje &amp; Elder.</b> Early. Blooms for Decoration Day.....	1.00	8.00
<b>DELPHINIUM Belladonna Improved.</b> Light blue. All summer.....	1.00	8.00
Bellamosum. Medium blue. 3 ft. All summer.....	1.00	8.00
Formosum. Dark blue, white center. 4 ft. All summer.....	1.00	8.00
Indigo. Darkest blue. 4 ft.....	1.00	8.00
★ <b>Lamartine.</b> Fine cut flower. Dark blue. 4 ft. All summer.....	1.25	10.00
★ <b>Pacific Hybrids</b> (Vetterle and Reinelt). World's best Delphinium. Blue Shades. 5 ft. All summer. 2½-in. pot plants.....	1.00	8.00
White. 2½-in. pot plants.....	1.00	8.00
★ <b>Mixed Blue or White.</b> Field grown.....	1.85	15.00
★ <b>Named Varieties.</b> Black Knight, Blue Bird, Blue Jay, Cameliard, Galahad (White), Guinevere, King Arthur, Lancelot, Summer Skies. 2½-in. pot plants.....	1.25	10.00
Vaughan's Gold Medal Hybrids. Mixed colors. 4 ft.....	1.25	10.00
<b>DIANTHUS</b>		
<b>Atro-coccineus Fl. Pl.</b> X. Deep scarlet. 1 ft. All summer.....	1.00	8.00
<b>Barbatus (Sweet William) Albus.</b> White. 1 ft. June-July.....	1.00	8.00
Scarlet Beauty. Vivid scarlet. 1 ft. June-July.....	1.00	8.00
Pink Beauty. 1 ft. June-July.....	1.00	8.00
<b>Dwarf Mixed.</b> X. Attractive miniature form. All colors. ½ ft. June.....	1.00	8.00
Vaughan's Special Mixed.....	.85	7.00
Beatrix. X. Salmon-pink. Double. 10 in. All summer.....	1.50	12.00
Crimson King. Crimson. Very double. 2 ft. All summer.....	1.50	12.00
Red Beauty. Large double red. 16-inch. Blooms July-Oct.....	1.50	12.00
Deltoides (Maiden Pink). X. Pale pink. 8 in. June.....	1.00	8.00
Plumaris Allwoodi Alpinus. X. Mixed colors. 6 in. July.....	1.00	8.00
Caesius. X. Rose. 4 in. June-July.....	1.00	8.00
Cyclops. X. Dark rose. 9 in. June-July.....	1.00	8.00
Highland Rose. X. Deep rose. 1 ft. June-August.....	1.00	8.00
Spring Beauty. X. Double grass pink. 12 in. July.....	1.00	8.00
Vaughan's Special Mixture. X. Plumaris types.....	1.00	8.00
Winteri. X. Mixed. 9 in. June-August.....	1.00	8.00
<b>DICTAMNUS Fraxinella.</b> Deep pink. 3 ft. June-July.....	1.25	10.00
Fraxinella Albus. White. 3 ft. June-July.....	1.25	10.00
<b>DICENTRA Spectabilis</b> (Bleeding Heart). Pink. 1½ ft.....	2.50	20.00
<b>DIGITALIS Gloxiniaeflora</b> (Foxglove) Pink. 3 ft. June-July.....	1.00	8.00
Purple. 3 ft. June-July.....	1.00	8.00
White. 3 ft. June-July.....	1.00	8.00
Shirley Hybrids. Mixed colors. 5 ft. June-July.....	1.00	8.00

Less than five, double the rate per hundred. All varieties followed by X are suitable for rock gardens.



# Hardy Perennial Plants—Continued

ECHINACEA <i>Purpurea</i> (Coneflower). Purple. Useful cut flower. 4 ft. July-August.	10	100
ECHINOPS <i>Ritro</i> . Steel-blue. 3 ft. July-Aug.	1.20	9.00
ERIGERON ★ <i>Amos Perry</i> . X. Large blue daisy. 1 ft. All summer.	1.50	12.00
ERYNGIUM <i>Amethystinum</i> . Steel-blue. 3 ft. July-Aug.	1.25	10.00
EUPATORIUM ★ <i>Coelestinum</i> . Blue. 2 ft. Aug.-Oct.	1.00	8.00
FUNKIA		
<i>Coerulea Lanceolata</i> (Plantain Lily). Mauve. 1½ ft. July.	1.00	8.00
<i>Fortunei Robusta</i> . Large blue-green foliage, white flowers.	2.20	18.00
<i>Japonica Aurea Marginata</i> . X.	1.25	10.00
<i>Subcordata Grandiflora</i> . X. White. 1½ ft. August.	2.25	18.00
<i>Undulata Variegata</i> . X. White. 1½ ft. August.	1.25	10.00
GAILLARDIA <i>Burgundy</i> . Wine-red. 2 ft. All summer.	1.25	10.00
New Hybrids. Mixed colors. 2 ft. All summer.	.85	7.00
GERBERA Hybrids. Mixed pastel shades. 18 in. Aug.-Sept.	3.00	25.00
GEUM, <i>Lady Stratheden</i> . X. Golden. 1½ ft. All summer.	1.25	10.00
Mrs. J. Bradshaw. X. Orange-red. 1½ ft. All summer.	1.25	10.00
<i>Orange Queen</i> . X. Scarlet orange. 1½ ft. All summer.	1.25	10.00
GRASS <i>Eulalia Japonica Variegata</i> . 3 ft.	1.00	8.00
GYPSOPHILA ★ <i>Bristol Fairy</i> . Double white. 3 ft. July-Sept.	1.50	12.50
3-in. pot plants.	2.20	17.50
Field grown.		
Useful as cut flower, also for drying.		
★ <i>Bodgeri</i> . New; continuous flowering, double white. 18 in.	1.50	12.00
<i>Oldhamiana</i> . Pink. Good for cutting.	1.25	10.00
<i>Pacific</i> . Single pink. 4 ft. July.	1.25	10.00
<i>Paniculata</i> . White. 3 ft. June-July.	.85	7.00
<i>Repens</i> . X. White. 4 in. All summer.	1.00	8.00
★ <i>Rosenschleier</i> (Rosy Veil). Double pink. 2 ft. All summer.	1.50	12.00
HARDY FERNS. <i>Onclea Struthiopteris</i> (Ostrich Fern). 3-4 ft.	1.50	12.00
<i>Osmunda Claytoniana</i> . 2-3 ft.	1.50	12.00
HELENIUM		
<i>Riverton Beauty</i> . Yellow. Useful cut flower. 3 ft. June-July.	1.25	10.00
HELLEBORUS <i>Niger</i> . X. (Christmas Rose). White. 10 in. Dec.-Feb.	5.50	.....
HELIANTHUS <i>Multiflorus Plenus</i> (Dahlia flowered sunflower).		
★ Deep yellow. 4 ft. Aug.-Sept. Extremely valuable to florists because it produces ideal cut flowers during a time when yellow flowers are scarce. Resembles a large disbudbed pompon chrysanthemum on a 3-foot stem.	1.25	10.00
HELIOPSIS ★ <i>Double Lemoine</i> . Orange. 2½ ft. All summer. Excellent cut flower.	1.25	10.00
HEMEROCALLIS <i>Aureole</i> . Deep orange-yellow with bronze reverse. 2 ft. May-June.	.85	6.00
Dr. Regel. Rich orange-yellow. 1½ ft. May-June.	.85	6.00
<i>Fulva Kwano</i> . Fl. Pl. Deep orange. 3 ft. July-Aug.	.85	6.00
<i>Sovereign</i> . Chrome yellow. Fragrant. 2 ft. May-June.	.85	6.00
<i>Thunbergi</i> . Golden yellow. 3 ft. July.	1.00	8.00
NEW HYBRID HEMEROCALLIS		
<i>Calypso</i> . Pale yellow. July.	.25	1.75
<i>Cinnabar</i> . Light bronze.	.40	3.75
<i>Golden</i> . Deep golden orange. July.	.25	2.00
<i>Gypsy</i> . Deep orange. July.	.30	2.50
<i>Hyperion</i> . Vigorous citron-yellow. July-Aug.	.40	3.75
<i>Margaret Perry</i> . Scarlet orange, suffused yellow. July.	.60	5.00
Mrs. W. H. Wyman. Clear gold. Profuse bloomer. July-Aug.	.30	2.50
<i>Mikado</i> . Orange, maroon blotches. June.	.60	5.00
<i>Ophir</i> . Tall golden yellow. June-July.	.35	3.00
<i>The Gem</i> . Medium golden flowers. June-July.	.25	2.00
HEUCHERA <i>Sanguinea</i> . X. Coral red. 1½ ft. May-July.	1.50	12.00
HIBISCUS. Red, white, or pink. 5 ft. July-Aug.	1.00	8.00
HOLLYHOCK. Double white; double pink; double salmon; double yellow; double maroon and double red or mixed.	1.00	8.00
HOSTA—See Funkia.		
IBERIS <i>Sempervirens</i> . X. White. 8 in. May-June.	1.25	10.00
LAVENDER <i>Vera</i> . Lavender. 1½ ft. July-Aug.	1.50	12.00
<i>Lathyrus Latifolius</i> . Perennial sweet pea. Mixed colors.	1.25	10.00
LIATRIS <i>Pycnostachya</i> . Purple. 5 ft. Sept.	1.15	9.00
★ <i>September Glory</i> . New late flowering strain. Erect light purple, blooming September.	1.85	15.00
<i>Spicata Pumila</i> . New dwarf type. 18 inch. Sept.	1.50	12.00
LINUM <i>Perenne</i> . X. Blue. 10 in. All summer.	1.00	8.00
LOBELIA <i>Cardinalis</i> . Scarlet. 3 ft. July-Aug.	1.00	8.00
LUPINUS <i>Downers Hybrids</i> . Mixed colors. 3 ft. June-Aug.	1.50	12.00
★ <i>Russell Hybrids</i> . Best hybrid mixture. June-Aug.	1.50	12.00
LYCHNIS <i>Chalcedonica</i> . Scarlet. 2 ft. July.	1.00	8.00
MATRICARIA ★ <i>Capensis Fl. Pl.</i> (Double Feverfew). White. Good for cut flowers. 1 ft. June-Aug.	1.00	8.00
MERTENSIA <i>Virginica</i> . X. Purplish blue. 1½ ft. Apr.-May.	.85	7.00
MINT. Useful herb.	1.00	8.00
MONARDA <i>Didyma</i> . Red. 3 ft. July-Aug.	1.25	10.00
MYOSOTIS <i>Palustris</i> X. (Forget-me-not). Blue. 5 in.	1.00	8.00
NEPETA <i>Mussini</i> . X. Blue. 2 in. June-July.	1.15	9.00
NIEREMBERGIA <i>Hippomanica</i> . ★ X. Cup-shaped blooms, lavender-blue. All summer. 2-in. pots.	1.00	8.00
PACHYSANDRA <i>Terminalis</i> . X.	.80	6.50
Rooted runners of <i>Pachysandra</i> , per 1000, \$55.00.		
PAPAVER <i>Jeannie Mawson</i> . Geranium pink. 2½ ft. June.	1.50	12.00
<i>Joyce</i> . Cherry-red. 4 ft. June.	1.50	12.00
Mrs. Perry. Orange-apricot. 3 ft. June.	1.25	10.00
<i>Olympia</i> . Earliest of all. Double orange-scarlet. 2½ ft. May.	1.50	12.00
Perry's White. White. June.	2.50	20.00
Royal Scarlet. Old-fashioned scarlet. 3 ft. June.	1.15	9.00

PAPAVER Continued.	10	100
<i>Wunderkind</i> . Tall giant red. 4 ft. June.	\$1.50	\$12.00
PENTSTEMON <i>Garnet</i> . New red variety. 2 ft. June-Oct.	2.50	18.00
PHYSALIS <i>Franchetti</i> (Chinese Lantern). Orange. 2 ft. Oct.	1.00	8.00
PHYSTOSTEGIA <i>Grandiflora Vivid</i> . X. Bright pink. 2 ft.	1.25	10.00
PLATYCODON <i>Grandiflorum</i> (Balloon Flower). Blue. 2 ft.	.85	7.00
<i>Grandiflorum Album</i> . White. 2 ft.	.85	7.00
PLUMBAGO <i>Larpentae</i> . X. Blue. 6 in.	1.25	10.00
POLEMONIUM <i>Coeruleum</i> . X. Deep blue. 1½ ft. June-July.	1.00	8.00
POTERIUM <i>Obtusum</i> (Japanese Burnet). Catkin-like crimson flowers. 2 ft. July.	1.25	10.00
PRIMULA (Primrose).		
★ <i>Acaulis Double X. Lavender Beauty</i> . 6 in. April-May.	2.25	18.00
★ <i>Auricula</i> . X. Mixed colors. 6 in. April-May.	1.85	15.00
<i>Veris</i> . X. Mixed colors. 6 in. April-May.	1.50	12.00
<i>Veris Kleynii</i> . New. Large golden yellow. 8 in. Apr.-May.	1.50	12.00
<i>Veris Munstead Strain</i> . Pale yellow shades. 8 in. April-May.	1.50	12.00
PYRETHRUM <i>Roseum</i> (Painted Daisy).		
<i>James Kelway</i> . Red. 2 ft. May-June.	1.25	10.00
<i>Robinson's Hybrids</i> . Mixed colors. 2 ft. May-June.	.85	7.00
<i>Robinson's Crimson</i> . 2 ft. May-June.	1.25	10.00
<i>Uliginosum</i> . White. 3 ft. Aug.-Sept.	1.00	8.00
RANUNCULUS <i>Acris</i> . Double yellow. 6 in. May-July.	1.25	10.00
ROSA <i>Rouletti</i> (Miniature Rose). X. Rose-pink. 6 in.	1.85	15.00
<i>Tom Thumb</i> . X. Patented. World's smallest red rose.	4.50	35.00
RUDBECKIA <i>Laciniata</i> . Fl. Pl. (Golden Glow). Yellow. 6 ft. Aug.	1.00	8.00
★ <i>The King</i> . Rosy blooms, brown central disc. 3 ft. July-Oct.	3.00	25.00
SALVIA <i>Azurea Grandiflora</i> . Blue. 4 ft. Aug.-Sept.	1.00	8.00
<i>Officialis</i> . Sage for seasoning.	1.25	10.00
★ <i>Pitcheri</i> . Deep blue. 4 ft. Aug.-Sept.	1.25	10.00
SAPONARIA <i>Ocymoides</i> . X. Rose. 6 in. June-Aug.	1.25	10.00
SCABIOSA <i>Caucasica</i> . Lavender-blue. 2 ft. All summer.	1.25	10.00
SEDUM (Stone Crop).		
<i>Acre</i> . X. (Golden Moss) Yellow. 2 in. May-July.	1.00	8.00
<i>Album</i> . X. White. 2 in. May-July.	1.00	8.00
<i>Sexangulare</i> . X. Yellow. 2 in. May-June.	1.00	8.00
<i>Sieboldi</i> . X. Pink. 4 in. Aug.-Oct.	1.25	10.00
<i>Spatulatum Purpureum</i> . Red foliage. 1½ ft. Aug.-Sept.	1.25	10.00
<i>Spectabile</i> . Pink. 1½ ft. Aug.-Sept.	1.00	8.00
<i>Spirium</i> . X. Pink flowers, red foliage. 6 inch. July-August.	1.00	8.00
SEMPERVIVUM (Hen and Chickens).		
<i>Globiferum</i> . X. Yellow. 1 ft. June.	1.00	8.00
<i>Tectorum</i> . X. Light red. 1 ft. June.	1.00	8.00
SHASTA Daisy. See Chrysanthemum maximum.		
SIDALCEA <i>Rosy Gem</i> . Pink. 1½ ft. All summer.	1.25	10.00
SILENE <i>Schafta</i> . X. Bright pink. 6 in. July.	1.00	8.00
SPIRAEA <i>Filipendula Hexapetala</i> . X. White. 1 ft. June-July.	1.00	8.00
<i>Spiraea Ulmaria Fl. Pl.</i> Double white. June. 2 ft.	1.25	10.00
STATICE ★ <i>Latifolia</i> (Sea Lavender). Blue. 2 ft. Aug.-Sept.	.85	7.00
3 year clumps.	1.15	9.00
STOKESIA <i>Cyanea</i> . X. (Cornflower Aster.) Sky-blue. Makes good cut flowers. 1 ft. Aug.-Sept.	1.00	8.00
<i>Blue Moon</i> . New giant flowered variety. 1 ft. Aug.-Sept.	2.25	18.00
STRAWBERRY ★ <i>Baron Solemacher</i> . Small fruited runnerless alpine type. Everbearing. 2½ in. pot plants.	1.00	8.00
Sweet William, see <i>Dianthus Barbatus</i> .		
TARRAGON, TRUE ( <i>Artemisia Dracunculus</i> ).	1.50	12.00
THALICTRUM <i>Adiantifolium</i> . X. Yellow, fern-like foliage. 1 ft. June-July.	1.25	10.00
<i>Dipterocarpum</i> . Rosy purple. 4 ft. Aug.-Sept.	1.50	12.00
<i>Glaucum</i> . Yellow. 3 ft. June.	1.00	8.00
THYMUS <i>Citriodorus</i> . X. (Lemon Thyme.) Red. 4 in. June.	1.00	8.00
<i>Lanuginosus</i> . X. Woolly grey foliage. 2 in.	1.25	10.00
<i>Serpyllum Coccineus</i> . X. Red. 2 in. June-July.	1.00	8.00
<i>Serpyllum Album</i> . X. White. 2 in. June-July.	1.00	8.00
TRADESCANTIA ★ <i>Heavenly Blue</i> . Pale blue. 1½ ft. July-Aug.	1.25	10.00
★ <i>Leonora</i> . Dark blue. 1½ ft. July-Aug.	1.25	10.00
TRILLIUM <i>Grandiflorum</i> . X. White. 12 in. May-June.	.85	7.00
TRITOMA <i>Pfitzeri</i> (Red Hot Poker).	1.25	10.00
TROLLIUS <i>Golden Queen</i> . Large orange. 3 ft. Spring and fall.	1.85	15.00
★ <i>Goldquelle</i> . Darkest orange. 3 ft. Spring and fall.	1.85	15.00
New Hybrids. Orange and yellow shades. 2 ft. May-July.	1.25	10.00
TUNICA ★ <i>Saxifraga Fl. Pl.</i> Pink Ball. X. Dark pink. 6 in. Full double.	1.50	12.00
VALERIANA <i>Var. Rubra</i> . Rose. 2 ft. July.	1.00	8.00
VERBASCUM Hybrids. Yellow, cream, etc. 3 ft. July-Aug.	1.50	12.00
VERONICA <i>Incana</i> . X. Blue, silvery foliage. 12 in. July-Aug.	1.25	10.00
★ <i>Longifolia Subsessilis</i> . Blue. 2 ft. Aug.-Sept.	1.50	12.00
<i>Rupestris</i> . X. Blue. 5 in. June.	1.25	10.00
<i>Spicata</i> . Blue. 2 ft. Aug.	1.00	8.00
<i>Spicata Rosea</i> . Pink. 2 ft. July-August.	1.00	8.00
VINCA <i>Minor</i> . X. (Periwinkle.) Blue. 6 in. 2½-inch pots.	.85	6.50
Field grown.	Per 1000, \$35.00	.75
★ <i>Bowles Variety</i> . X. Improved type, free flowering. Blue. 6 in. Spring and fall.	1.25	10.00
VIOLA ★ <i>Improved Wedgewood</i> X New. Medium blue with small yellow eye. 6 in. All summer.	1.85	15.00
<i>Jersey Gem</i> . X. Violet. 6 in.	1.25	10.00
VIOLET <i>Double Russian</i> . X. Purple, fragrant. 5 in. May.	1.50	12.00
<i>Florence</i> . X. Single white, faint purple veining. 6 in.	1.50	12.00
<i>Frey's Fragrant</i> . X. Single purple. 6 in. May.	1.25	10.00
<i>Prince of Wales</i> . X. Single, purple-violet. 6 in. May.	1.25	10.00
★ <i>Rosina</i> . X. Rose-pink. 6 in. Spring and fall.	1.50	12.00
YUCCA <i>Filamentosa</i> . 2 yr. White. 6 ft. July.	1.00	7.00
<i>Filamentosa</i> . 3 yr. White. 6 ft. July.	1.25	9.00
<i>Glaucia Angustifolia</i> . Purplish white. 6 in. July. 2-year.	1.25	10.00

Less than five, double the rate per hundred. All varieties followed by X are suitable for rock gardens.





PHLOX Columbia

Less than five, double the rate per hundred. All varieties followed by X are suitable for rock gardens.

## Hardy Phlox

	10	100
Africa. Carmine red with darker eye.....	\$1.25	\$10.00
Augusta (Patented.) Brilliant cherry-red.....	2.50	18.00
B. Comte. Amaranth purple.....	1.25	10.00
Bridesmaid. White, red eye.....	1.15	9.00
Champs Elysees. Dark purple.....	1.25	10.00
Colonial. Lavender.....	1.15	9.00
★Columbia. (Patented.) Cameo pink, faint blue eye.....	1.90	12.00
★Daily Sketch. New. Immense salmon-pink, crimson eye.....	1.50	12.00
E. Farrington. New. Soft salmon-pink, with lighter eye.....	1.25	10.00
Europa. White, faint red eye.....	1.25	10.00
Flora Reidy. White. Medium height.....	1.25	10.00
Goliath. Light reddish purple. Tall. Early.....	1.00	8.00
★Harvest Fire. New. Glowing flame scarlet.....	1.85	15.00
★Leo Schlageter. Vivid fiery scarlet, large florets.....	1.85	15.00
Lillian. Salmon, faint blue eye.....	1.25	10.00
Miss Lingard (Suffruticosa). Earliest to bloom. White.....	1.50	12.00
Miss Von Lassberg. Tall white.....	1.25	10.00
Mrs. Milly Von Hoboken. Bright pink, faint mauve suffusion.....	1.25	10.00
Obergartner Wittig. Pale rose pink blooms, late.....	1.25	10.00
Painted Lady. Soft silvery pink, dark red eye.....	1.25	10.00
Royal Purple. Dark purple.....	1.15	9.00
★Von Hochberg. Deep blood-red.....	1.85	15.00
Mixed. Varieties with labels lost. Some very good stock..	.85	7.00

## DWARF AND ALPINE PHLOX

Remarkable for their prostrate habit and mass of bloom in spring and early summer, being quite distinct from the Phloxes offered above. They are splendid subjects for rockeries, the front of borders and over graves.

	10	100
Amoena. X. Pink. 8 in. May.....	\$1.00	\$8.00
Divaricata Canadensis. X. Pale blue. 10 in. May.....	1.25	10.00
★Dixie Brilliant (Nivalis Sylvestris). X. New Giant Hardy		
Thrift. Rosy red. 1 in. diameter.....	1.85	15.00
Subulata Alba. X. Pure white. 4 in. Spring.....	.85	7.00
Atropurpurea. X. Purplish red. 3 in. Spring.....	1.25	10.00
Mrs. G. F. Wilson. X. Lavender. 4 in. Spring.....	1.25	10.00
Rosea. X. Rose-pink. 4 in. Spring.....	.85	7.00
★Pink Cushion. X. Compact, free-flowering form. 3 in.....	1.25	10.00
Vivid. X. Dark salmon-pink. 3 in. Spring.....	1.50	12.00

# Vaughan's Cannas

In our list of sorts will be found all the good old standard kinds, and many of the best novelties, the inferior kinds being discarded every year as the merits of the newer ones are proven.

Price for Dormant Roots up to APRIL 1st, after which pot plants are ready. All have green foliage unless otherwise specified; 25 at 100 rate; 250 at 1000 rate. Not less than 25 sold wholesale.

## The Big Four

**\*Improved Florence Vaughan** Owing no doubt to a deterioration in breeding stock, plants distributed under the name of Florence Vaughan have for several years been decidedly smaller, and inferior in color to the original variety, introduced by us. Making a search for stock of the original quality, we found it in Europe, and have propagated from carefully selected specimens to produce the improved type offered here. Giant flowers of vivid golden yellow, sprinkled with fine red dots, are borne on strong 4-foot stems. In our judgment, the best of all yellows.  
 Green foliage.....10 for \$1.00 Per 100 Per 1000  
 3-inch pot plants.....14.00 \$7.00 \$60.00 120.00

**\*King Humbert** 4-FT. SCARLET FLOWERS, BRONZE LEAVES, GREATEST FAVORITE TODAY. This remarkable "Gold Medal" Canna has been the sensation of the past nine years. It is a cross between the orchid-flowering and the French or Crozy type, combining the best features of both, the large flowers of one with the free-blooming character of the other, and the handsome broad, tropical foliage. Dormant roots... 3.75 32.50  
 3-inch pot plants.....11.00 100.00

**\*Yellow King Humbert** 4 feet. An orchid-flowering sport of the well known variety King Humbert. Has the same habit of growth as its parent; foliage a very dark green, with flowers measuring 5 to 7 in. across; individual petals 3 to 3½ in. in diameter. Color of flower a deep rich yellow, softly spotted and blotched with bright red. Some plants will occasionally give a scarlet or scarlet-striped flower, which we consider an improvement rather than a defect. Dormant Roots..... 3.75 32.50  
 3-inch pot plants.....11.00 100.00

**The President** 4 ft. In color a rich glowing scarlet with immense rounded flowers seven inches across when fully open, produced on strong, erect stems well above the large green foliage. Free-bloomer and strong grower. Dormant Roots..... 3.75 32.50  
 3-inch pot plants.....11.00 100.00

## Choice Varieties

**AMBASSADOR.** 3½ to 4 ft. Considered an improved King Humbert. Bronze foliage; color poppy-red; very brilliant. Flowers are borne in immense trusses on strong stalks well above the foliage, the petals measuring 2 to 2½ inches across. Plant is very vigorous. Dormant Roots... \$4.50 \$40.00  
 3-inch pot plants.....11.00 100.00

**COPPER GIANT.** 3½ ft. Much admired in our Western Springs planting. Large attractive blooms of a coppery madder red in big clusters on stout stems; green foliage. Exceptionally free-flowering and stocky growth. If you do not know this variety, give it a trial.....10 for \$1.00 7.00 60.00  
 3-inch pot plants.....12.00 100.00

**EUREKA.** 4 ft. Remarkably free-flowering variety, and with its striking white flowers which first appear cream, makes a very effective show in conjunction with a good scarlet such as King Humbert. Dormant Roots..... 8.00 70.00  
 3-inch pot plants.....12.00 100.00

**HUNGARIA.** 3½ feet. Very compact, almost dwarf, and luxuriant growth. Leaves bluish green, never burn. Flowers La France pink. Dormant Roots..... 4.00 35.00  
 3-inch pot plants.....11.00 100.00

**LOUIS CAYEUX.** 4 ft. Immense flowers of bright rosy scarlet, green foliage... Dormant Roots..... 10.00 90.00  
 3-inch pot plants.....12.00 100.00

## Standard Varieties

**\*LOUISIANA.** 6 ft. Green foliage; large; vivid scarlet.  
**\*WINTZER'S COLOSSAL.** 5 ft. Green foliage. A striking vivid scarlet that retains its brilliancy.

Price of each of above varieties except when noted.	Per 100	Per 1000
Dormant Roots.....	\$ 3.00	\$27.50
3-inch pot plants.....	10.00	90.00

(\*) This mark indicates Orchid-Flowering Varieties.

## PENNISETUM CUPREUM

The dark bronze Fountain Grass so much admired at A Century of Progress. Does well in any sunny location with rich soil. Foliage and plumes are dark bronze and plants make a wonderful display from late July to frost. 2½-inch pot plants.....\$2.50 doz.; \$15.00 per 100

Cannas are becoming more popular. The new varieties with large flowers in new colors are unequalled for creating a colorful show from July till frost. They do best in full sun and respond quickly to feeding.

Number of Cannas required for round beds planted eighteen inches apart each way: Seven feet—19 plants, one for center; six for first row; twelve for second row. Ten feet—37 plants, one for center; six for first row, twelve for second row, eighteen for third row. Thirteen feet—61 plants, one for center; six for first row, twelve for second row, eighteen for third row, twenty-four for fourth row.



# Greenhouse Plant Department

## CALADIUMS—Vaughan's

### Special Fancy-Leaved

Choice dormant bulbs for January and February delivery. Large variety named sorts. This is one of the most decorative plants for greenhouse growing, window boxes or show plants. Rich, ornamental leaves, handsomer than Begonias; marbled, veined and striped with white, pink and dark red.

Our mixture of named sorts is probably the best to be had. We have graded them especially for good size bulbs of the finest varieties.



FANCY-LEAVED CALADIUM

We find an increasing demand for caladiums; pot plants sell readily from early spring until late summer.

	Doz.	100	1,000
Rainbow Mixed.....	\$2.00	\$12.00	\$100.00
Named Varieties. Our selection.....	2.00	13.00	110.00
Named. Your selection of varieties.....	2.25	14.00	120.00
Unusual and rare varieties. All named.....	2.75	16.00	140.00

## AFRICAN VIOLETS

### Saint Paulia Ioantha

	Doz.	100
Blue Boy. 2 1/4 inch.....	\$2.00	\$12.00
Blue Boy. 3 inch.....	4.50	30.00

## ASPARAGUS PLUMOSUS NANUS

	Dozen	Per 100
Seedlings.....	Per 1,000, \$10.00	\$ 1.50
2 1/4-inch.....	Per 1,000, 55.00	\$0.85 6.00

## ASPARAGUS SPRENGERI

	Dozen	Per 100
Seedlings.....	Per 1,000, \$ 8.00	\$ 1.50
2 1/4-inch.....	Per 1,000, 50.00	\$0.75 5.00

## AZALEAS

Coral Bells, Hexe, Pink Pearl, Salmon Beauty, Mme. Pericat, Hinodigeri, Snow and other varieties, 5 inch up to 14 inch heads. Also grafted Indica Azaleas in all standard forcing varieties, 8 inch up to 15 inch heads.

Write for prices. Plants available October to December.

## BEDDING PLANTS FOR SPRING

<b>Ageratum Augusta.</b> Tall blue variety for cut flowers.	100	1,000
Rooted Cuttings.....	\$ 2.00	\$15.00
2 1/4 inch.....	6.00	55.00
<b>Ageratum Cardinal Mundelein.</b> Deep blue. Dwarf, bushy.		
Rooted Cuttings.....	2.00	15.00
2 1/4 inch.....	6.00	55.00
<b>Ageratum Riverside.</b> Dwarf, large head of bloom.		
Rooted Cuttings.....	2.00	15.00
2 1/4 inch.....	6.00	55.00
<b>Heliotrope Centefleur.</b> Free blooming, dark purple.		
2 1/4 inch.....	7.00	60.00
<b>Lantanas.</b> All the best named varieties.		
2 1/4 inch.....	6.00	55.00
<b>Verbena.</b> Beauty of Oxford, Helen Wilmot, Mayflower, Scarlet Beauty and other named varieties.		
Rooted Cuttings.....	2.25	18.00
2 1/4 inch.....	6.00	55.00
<b>Vinca Variegata.</b>		
Rooted Cuttings.....	2.00	15.00
2 1/4 inch.....	5.00	45.00

## BEGONIA

	100	1,000
<b>Carmen.</b> Bronze foliage, pink flowers, 2 1/4-inch.....	\$ 6.00	\$55.00
<b>Christmas Cheer Red or Pink.</b> 2 1/4-inch.....	6.00	55.00
<b>Luminosa.</b> 2 1/4-inch.....	6.00	55.00
<b>Pink or Red Perle.</b> 2 1/4-inch.....	6.00	55.00
<b>Melior.</b> 2 1/4-inch.....	22.50	200.00

## CALCEOLARIAS

Our choice Hybrid Mixture contains all colors of the new large flowered hybrids.

Vaughan's Choice Hybrid Mixture. 2 1/4-inch..... \$ 8.00 \$ 75.00

Rosacker's New Varieties, also Pink Beauty, Stewartii, Brillancy, 2 1/4-inch..... 16.00 150.00

**CARNATIONS** { Write for our special list of Rooted Cuttings. Standard and New varieties.

## CINERARIAS

	100	1000
<b>Cremer's Prize Mixture.</b> 2 1/4-inch.....	6.00	55.00

## CYCLAMEN

Bright Red, New Salmon Rose, Glory of Wandsbeck, the famous Binnewies strain. Clean, healthy stock.

	Doz.	100
2 1/4-inch.....	\$12.00	\$100.00
Strong transplants of above Cyclamen. Ready in March.....	6.00	55.00

## DISH GARDEN PLANTS

Write for special list of succulents, cacti and small plants at \$3.00 to \$25.00 per 100.

## FERNS—BOSTON

	Each	100
2 1/4-inch.....	per 1,000, \$75.00	\$ 8.00
4 inch.....		30.00
5 inch.....		45.00
6 inch.....		65.00
7 inch.....		85.00
8 inch.....	\$1.25 to 1.50	

**TABLE FERNS.** Assorted varieties. 2 1/4-inch..... 7.00  
Assorted varieties, Seedlings, 100 2.25; 1000 20.00

## WHITMANI FERNS

	Each	100
4-inch.....	\$0.40	\$35.00
5-inch.....	.55	50.00
6-inch.....	.80	75.00

## GERANIUMS

We are constantly in touch with Geranium Specialists. All stock offered is 2 1/4 inch or its equivalent.

	100	1000
<b>Elaine (New).</b> Light salmon pink. Strong grower.		
Rooted Cuttings.....	\$10.00	\$ 80.00
2 1/4 inch.....	13.00	110.00
<b>Fiat.</b> Salmon pink. Dwarf but prolific bloomer.	7.00	65.00
<b>Fiat Queen (New).</b> An improved Fiat with frilled and serrated blossoms. Distinctive and great sales possibilities.		
10 for \$3.00.....	25.00	
<b>Lady Jane.</b> Semi dwarf, deep cherry red, good bloomer.	6.50	60.00
<b>Laurel (New).</b> Sport of Wyona with double rose lavender blooms. Entirely new and attractive variety. 10 for \$3.00	25.00	
<b>Mme. Buchner.</b> Double white.	6.00	55.00
<b>Mme. Landry.</b> Salmon pink with darker shading.	6.00	55.00
<b>Mme. Salleri.</b> Variegated leaves.	5.50	50.00
<b>Radio Red.</b> Popular and well liked. Bright blood red.	6.00	55.00
<b>Wyona.</b> Large substantial blooms and growth. Vivid light red.	6.00	55.00

## HYDRANGEAS FOR FORCING

Dormant plants ready November and December. 4 in., 5 in., 6 in., and larger. Rooted Cuttings and small pot plants for spring delivery.

	Rooted cuttings	2-inch	3-inch
<b>Regula, Wesphalen, Sonnengruss.</b> .....	per 100 \$25.00	\$30.00	\$35.00
<b>Altoona, Hamburg, Kunert, Rosabelle,</b>			
<b>Europa, Sch. Perle.</b> .....	per 100 10.00	15.00	20.00
<b>Ami Pasquaar, Giselherr, Louis Savage,</b>			
<b>Hollandia, Mein Liebling, Wilkomme.</b> .....	per 100 8.00	12.00	18.00
<b>E. G. Hill, Rheingold, Deutschland,</b>			
<b>G. Glahn, Goliath, M. Baardse,</b>			
<b>M. Foch and others.</b> .....	per 100 5.00	8.00	12.00

## DECORATIVE PLANTS

Lack of space prohibits listing of Palms, Cibotiums, Draceanas, and other Decorative Plants but we can supply excellent stock and will quote promptly on your requirements.

	10	100
<b>Ivy Hahns Self Branching.</b> 2 1/4 inch.....	\$0.75	\$ 6.00
4 inch.....	4.00	35.00
<b>Merion Beauty.</b> (Miniature). 2 1/4 inch.....	1.20	10.00
3 inch.....	1.70	15.00
<b>Peperomia Variegata.</b> 2 1/4 inch.....	1.20	10.00
3 inch.....	2.75	20.00
<b>Philodendron.</b> 2 1/4 inch.....	1.20	10.00

## HAHN'S NEW PATENTED IVIES

**Sylvanian Beauty.** Rich green foliage, self branching, rapid growth. An entirely new variety of exceptional merit. We predict a big demand for this remarkable new variety.

**Maple Queen.** Leaves are same shape as a maple. Self branching, makes vines rapidly. Bright green leaves clustered close together, produces a beautiful appearance.

	Dozen	100
<b>Prices of above new Ivies.</b>		
2 inch pots.....	\$1.50	\$10.00
2 1/2 inch pots.....	2.00	15.00

## PELARGONIUMS

**Azalea, Easter Greeting, Edith North, Gardener's Joy, Lucy Becker, Mrs. Loyal, Lavender Queen, Princess, Springtime, Wurtembergia.**

Prices on other varieties quoted upon request.

	Dozen	100	1,000
<b>Rooted Cuttings.</b> .....	\$0.90	\$ 5.00	\$45.00
2-inch.....	1.20	7.00	65.00
3-inch.....	1.60	10.00	90.00

## POINSETTIAS

**Stock Plants.** Mrs. Paul Ecke, Oak Leaf, Ruth Ecke. \$10.00; \$15.00; \$25.00; \$35.00; and \$50.00 per 100. Shipped in April. F. O. B. Chicago.

2 1/4 Inch Plants of above varieties ready August and September. \$10.00 per 100; \$85.00 per 1000.

Prices are F. O. B. Western Springs, Ill., where we ship by American Railway Express and C. B. & Q. R. R.

We assume no transportation risks after shipping in good order. Should customers have any cause for rejecting plants we would suggest that they be accepted under protest, and particulars telegraphed us at once.

Soft plants are not shipped to distant points by freight.

Billing—6 plants of any one variety at the dozen rate; 25 at the 100 rate; 250 at the 1,000 rate.

Packing will be charged on all orders at cost.



# Vaughan's Chrysanthemum Rooted Cuttings

Produced by a specialist from stock plants especially grown for cuttings and kept free from insect pests. By using these plants you get superior vigor and save on spray materials. Prices F. O. B. Barberton, Ohio.

## QUANTITY DISCOUNTS

5%	on 10,000 or more
7½%	on 25,000 or more
10%	on 50,000 or more
15%	on 100,000 or more

5% on order placed two or more months before delivery date. Does not apply if delivery date is before April 1st.

Less than 25 of any variety at double the rate per 100.  
10 of any variety is smallest amount sold.

## LARGE FLOWERING COMMERCIAL VARIETIES

	Matures	Price per	
		100	1000
Gold Lode. Light golden yellow.....	Oct. 1	\$3.00	\$27.50
s Celestra. Lemon yellow.....	Oct. 15	3.00	27.50
Comet. Deep lemon yellow.....	Oct. 15	12.00	100.00
s Mrs. H. E. Kidder. Deep lemon yellow.....	Oct. 20	3.00	27.50
Yellow Ambassador. Pale lemon yellow.....	Oct. 25	3.00	27.50
s Blazing Gold. Deep golden yellow.....	Oct. 25	6.00	50.00
s Sunglow. Golden yellow.....	Oct. 25	3.00	27.50
s Citronella. Light buff yellow.....	Oct. 28	3.00	27.50
s Good News. Deep lemon yellow.....	Nov. 1	3.00	27.50
Cardonia. Deep golden yellow.....	Nov. 10	3.00	27.50
Yellow Monument. Pale lemon yellow.....	Nov. 15	3.00	27.50
Honey Dew. Lemon yellow.....	Nov. 15	3.00	27.50
Jubilee. Light lemon yellow.....	Nov. 15	6.00	50.00
s Yellow Mefo. Lemon yellow.....	Nov. 20	3.00	27.50
Friendly Rival. Deep chrome yellow.....	Nov. 20	3.00	27.50
Golden Pearson. Light golden yellow.....	Nov. 25	3.00	27.50
Sungold. Lemon yellow.....	Nov. 25	3.00	27.50
Imp. Yellow Chattanooga. Lemon yellow.....	Nov. 25	8.00	75.00
Yellow December Glory. Pale lemon yellow.....	Nov. 30	3.00	27.50
Golden Mrs. Ross. Golden yellow.....	Dec. 3	3.00	27.50
Golden Mistletoe. Pale golden yellow.....	Dec. 10	3.00	27.50
Imp. Tobin's Late Yellow. Lemon yellow.....	Dec. 15	4.00	35.00
Quaker Maid. White, tinged pink.....	Oct. 15	3.00	27.50
s Silver Sheen. White.....	Oct. 18	3.00	27.50
White Chief. Ivory white.....	Oct. 20	3.00	27.50
Ambassador. Cream white.....	Oct. 23	3.00	27.50
s† Albatross. White.....	Nov. 1	6.00	50.00
Snow White. White.....	Nov. 1	3.00	27.50
s Betsy Ross. Ivory white.....	Nov. 1	3.00	27.50
Chas. W. Johnson. Ivory white.....	Nov. 5	3.00	27.50
Monument. Ivory white.....	Nov. 15	3.00	27.50
s Marketeer. White.....	Nov. 18	3.00	27.50
s Mefo. Ivory white.....	Nov. 20	3.00	27.50
White Distinction. White.....	Nov. 25	3.00	27.50
White Frick. White suffused pink.....	Nov. 25	3.00	27.50
Chattanooga. White.....	Nov. 25	3.00	27.50
December Glory. Ivory white.....	Dec. 1	3.00	27.50
Improved December Beauty. White.....	Dec. 8	4.00	35.00
White Mistletoe. White.....	Dec. 10	3.00	27.50
Smith's Late White. Ivory white.....	Dec. 15	3.00	27.50
Indianola. Pale reddish bronze.....	Oct. 10	3.00	27.50
Apricot Queen. Orange bronze.....	Nov. 1	3.00	27.50
s Detroit News. Bronze.....	Nov. 1	3.00	27.50
s Indianapolis Bronze. Buff bronze.....	Nov. 8	12.00	100.00
Gladys Pearson. Light buff bronze.....	Nov. 25	3.00	27.50
Oak Leaf. Light reddish bronze.....	Nov. 25	3.00	27.50
Bronze Frick. Light bronze suffused pink.....	Nov. 25	3.00	27.50
Bronze Mistletoe. Buff bronze suffused pink.....	Dec. 10	3.00	27.50
Pink Chief. Lavender.....	Oct. 15	3.00	27.50
October Rose. Light lavender.....	Oct. 25	3.00	27.50
s Rosabella. Rose pink.....	Oct. 25	12.00	100.00
s Old Rose. Amaranth.....	Nov. 1	3.00	27.50
J. W. Prince. Rose pink.....	Nov. 5	3.00	27.50
s Indianapolis Pink. Lavender.....	Nov. 8	3.00	27.50
† Orchid Queen. Orchid pink.....	Nov. 10	3.00	27.50
Dr. Enguehard. Deep lavender.....	Nov. 20	3.00	27.50
Peter John. Deep rose pink.....	Nov. 23	3.00	27.50
Thanksgiving Pink. Amaranth.....	Nov. 23	3.00	27.50
Distinction. Lavender.....	Nov. 25	3.00	27.50
Helen Frick. Rose pink.....	Dec. 5	3.00	27.50
Pink Mistletoe. Lavender.....	Dec. 10	3.00	27.50
Mrs. David F. Roy. Crimson buff reverse.....	Nov. 8	3.00	27.50
Garnet King. Dark red.....	Nov. 18	3.00	27.50
Harvard. Deep red.....	Nov. 30	3.00	27.50
Mohawk Chief. Deep red.....	Nov. 30	3.00	27.50

## ODD FORMED—FEATHERY VARIETIES

	Matures	Price per	
		100	1000
White Sensation. White.....	Nov. 1	\$8.00	\$75.00
Yamabuki. Yellow.....	Nov. 1	8.00	75.00
Yellow Taggart. Buff yellow quilled petals covered with hair.....	Nov. 1	6.00	50.00
The Dean. White.....	Nov. 1	6.00	50.00
Patricia Grace. Rose pink.....	Nov. 5	6.00	50.00
Peggy Ann Hoover. Light rose pink.....	Nov. 5	6.00	50.00
Miss Gena Harwood. Buff bronze.....	Nov. 5	6.00	50.00
Silver Drops. White.....	Nov. 10	8.00	75.00
Pride of Tokyo. Cream suffused pink.....	Nov. 10	6.00	50.00
Unique. Amaranth red.....	Dec. 1	6.00	50.00

s—For black cloth shading.

†—Cuttings not available until May 1st.

## EXHIBITION VARIETIES

	Matures	Price per	
		100	1000
Golden Majestic. Reflexed.....	Nov. 1	\$8.00	\$75.00
Yellow Turner. Incurved.....	Nov. 5	6.00	50.00
Yellow Pockett. Incurved.....	Nov. 8	8.00	75.00
William Turner. Incurved.....	Nov. 5	6.00	50.00
Louisa Pockett. Incurved.....	Nov. 8	8.00	75.00
Mrs. H. S. Firestone. Chamois buff. Incurved.....	Nov. 1	8.00	75.00
Marian Uffinger. Bronzy crimson gold reverse.....	Nov. 1	8.00	75.00
W. H. Waite. Reddish bronze. Reflexed.....	Nov. 5	6.00	50.00
Dr. J. M. Inglis. Amaranth purple silver, reverse.....	Nov. 1	8.00	75.00
Pink Turner. Incurved.....	Nov. 5	6.00	50.00
Thos. W. Pockett. Light lavender.....	Nov. 8	8.00	75.00
Vermont. Light rose pink. Reflexed.....	Nov. 8	8.00	75.00
Grace Sturgis. Wine red pinkish silver, reverse.....	Nov. 1	6.00	50.00
Red Majestic. Bronzy red. Reflexed.....	Nov. 1	8.00	75.00
Mrs. G. G. Mason. Blood red golden, reverse.....	Nov. 1	8.00	75.00
Improved W. H. Waite. Deep, reddish bronze.....	Nov. 5	6.00	50.00

## POMPON AND DECORATIVE COMMERCIAL VARIETIES

The term pompon is applied to those varieties which are of the true rounded type, and those very nearly approaching this type.

Decorative varieties are those which are a distinct departure from the rounded type. Their flowers are less compact, partly reflexed and display more of the color of the inner side of the petals.

	Matures	Price per	
		100	1000
s Yellow Irene. Light lemon yellow.....	Oct. 18	\$4.00	\$35.00
Rodell, Imp. Light lemon yellow.....	Oct. 20	3.00	27.50
*Golden Herald. Deep golden yellow.....	Oct. 25	3.00	27.50
s Yellow Dot. Yellow with bronze center.....	Oct. 25	3.00	27.50
Mary Lennon Hall. Yellow.....	Nov. 1	3.00	27.50
s*Yellow Sea Gull. Pale lemon yellow.....	Nov. 1	3.00	27.50
s Derigold. Deep golden yellow.....	Nov. 10	3.00	27.50
s Yellow New York. Deep lemon yellow.....	Nov. 13	3.00	27.50
s Lois. Deep golden yellow.....	Nov. 18	3.00	27.50
Yellow Princeton. Deep lemon yellow.....	Nov. 20	8.00	75.00
*Ball of Gold. Deep lemon yellow.....	Nov. 20	3.00	27.50
Yellow Yuletide. Pale lemon yellow.....	Nov. 28	3.00	27.50
Yellow Cordova. Lemon yellow.....	Nov. 30	3.00	27.50
Golden Modena. Deep lemon yellow.....	Dec. 5	4.00	35.00
†Yellow Silver Star. Pale lemon yellow.....	Dec. 10	3.00	27.50
December Gold. Deep golden yellow.....	Dec. 15	8.00	75.00
s White Jewell. White light lavender.....	Oct. 15	3.00	27.50
s Irene.....	Oct. 18	3.00	27.50
Silver Bells.....	Oct. 23	3.00	27.50
Arcadia.....	Oct. 28	3.00	27.50
White Pearl. White suffused pink.....	Oct. 28	12.00	100.00
s*Sea Gull. Cream white.....	Nov. 1	3.00	27.50
*White Dot. Ivory white.....	Nov. 1	3.00	27.50
Rev. Horace Bushnell. Cream white.....	Nov. 8	3.00	27.50
Crystal Jewell.....	Nov. 8	3.00	27.50
Chicago Pearl. Ivory white.....	Nov. 15	3.00	27.50
Pearl.....	Nov. 20	8.00	75.00
White Yuletide.....	Nov. 28	3.00	27.50
Cordova. Cream white.....	Nov. 30	3.00	27.50
Royal Queen.....	Dec. 5	3.00	27.50
White Tonquin. Sport from Tonquin.....	Dec. 10	5.00	40.00
†Silver Star. Ivory white.....	Dec. 10	3.00	27.50
December Glory. Ivory white.....	Dec. 15	3.00	27.50
Snow. Ivory white.....	Dec. 30	8.00	75.00
Clara Jameson. Dark reddish bronze.....	Oct. 15	3.00	27.50
Carolina Lee. Reddish bronze.....	Oct. 20	3.00	27.50
s Adelaide. Dark reddish bronze.....	Oct. 23	3.00	27.50
Elizabeth Peterson. Light orange bronze.....	Nov. 3	3.00	27.50
Peggy Poesch. Pale buff orange.....	Nov. 10	4.00	35.00
Pirate Gold. Light buff bronze.....	Nov. 10	6.00	50.00
s New York. Reddish bronze.....	Nov. 13	3.00	27.50
Princeton. Golden yellow suffused orange.....	Nov. 15	3.00	27.50
Legal Tender. Bronze and gold.....	Nov. 20	3.00	27.50
Bronze Beauty. Deep reddish bronze.....	Nov. 25	3.00	27.50
† Dorothy Turner. Deep reddish bronze.....	Nov. 25	3.00	27.50
Red Beau. Reddish bronze.....	Nov. 25	3.00	27.50
† Bristolite. Deep orange bronze.....	Nov. 25	3.00	27.50
Glow. Orange, reddish orange center.....	Nov. 30	3.00	27.50
Loris. Reddish bronze.....	Dec. 1	3.00	27.50
Wildfire. Orange rust.....	Dec. 3	3.00	27.50
Harmony. Red orange, bronze shading.....	Dec. 5	4.00	35.00
Cavalcade. Mandarin red.....	Dec. 10	4.00	35.00
s Dark Pink Jewell. Deep lavender.....	Oct. 15	3.00	27.50
s Capt. Cook. Deep rose pink.....	Oct. 20	3.00	27.50
Persian Rose. Deep rose pink.....	Oct. 23	3.00	27.50
Rose Pearl. Lavender.....	Oct. 23	12.00	100.00
s Pink Dot. White with pink center.....	Oct. 25	3.00	27.50
Highlights. Pale lavender. Lavender center.....	Oct. 25	3.00	27.50
Rising Sun. Cream white with salmon pink center.....	Oct. 28	4.00	35.00
Bright Spot. Deep lavender.....	Nov. 1	3.00	27.50
*Lillian Doty. Pale rose pink.....	Nov. 1	3.00	27.50

s—For black cloth shading.

\*—Good disbudded. †—Cuttings not available till May. 1st

Twenty-Five or more at the hundred rate. Less than 25 of any variety at double the rate per hundred.  
10 of any one variety is smallest amount sold.



# Vaughan's Chrysanthemum Rooted Cuttings

## POMPON AND DECORATIVE COMMERCIAL VARIETIES—Continued

	Matures	Price per 100	1000
Mrs. Morgan G. Bulkeley. Light rose pink suffused with orchid lavender.	Nov. 8	\$3.00	\$27.50
*Thyra. Lavender.	Nov. 10	3.00	27.50
Alice. Light lavender.	Nov. 15	3.00	27.50
Masterpiece. Tourmaline pink.	Nov. 15	3.00	27.50
Western Beauty. Rose pink.	Nov. 20	3.00	27.50
Usona. Lavender.	Nov. 25	3.00	27.50
Prosperity. Deep lavender.	Dec. 10	8.00	75.00
Mother of Pearl. Light rose pink.	Dec. 30	7.00	65.00
Natoma. Flame scarlet.	Oct. 25	8.00	75.00
*Fire Ball. Dark red.	Nov. 1	3.00	27.50
Robin Hood. Dark red.	Nov. 5	3.00	27.50
Mrs. Mary Hooker. Deep red.	Nov. 15	3.00	27.50
Red Princeton. Brazil red.	Nov. 15	4.00	35.00
Royal Crimson. Dark crimson.	Dec. 1	4.00	35.00

## SINGLE—DAISY TYPE—VARIETIES

	Matures	Price per 100	1000
Yellow Daisy. Deep lemon yellow.	Oct. 25	\$4.00	\$35.00
s†Gretchen Piper. Lemon yellow.	Nov. 1	3.00	27.50
*Golden Mensa. Pale lemon yellow.	Nov. 10	3.00	27.50
*Jane. Buff yellow. Sport from Valencia.	Nov. 30	3.00	27.50
Fawn. Deep buff yellow.	Dec. 5	8.00	75.00
Silver Emblem. Cream white.	Nov. 1	8.00	75.00
s White Mensa. Ivory white.	Nov. 10	3.00	27.50
Gladys Duckham.	Nov. 20	3.00	27.50
s Bronze Daisy. Light bronze.	Oct. 25	4.00	35.00
†Absolute. Scarlet bronze with yellow center.	Nov. 1	3.00	27.50
*Mason's Bronze. Burnt orange.	Nov. 10	3.00	27.50
†Melba. Light reddish bronze.	Nov. 15	3.00	27.50
Viking. Deep reddish bronze shading orange.	Dec. 1	8.00	75.00
W. H. Buckingham. Rose pink.	Nov. 3	3.00	27.50
Hasegawa Pink. Lavender.	Nov. 25	3.00	27.50
*Valencia. Orchid pink.	Nov. 30	3.00	27.50
*Dark Pink Valencia. Deep orchid pink.	Nov. 30	8.00	75.00
s Red Daisy. Deep red.	Oct. 25	4.00	35.00
*Red Rover. Crimson orange.	Nov. 5	3.00	27.50
*Clara Holford. Deep red.	Nov. 10	4.00	35.00
†Red Melba. Light red.	Nov. 15	3.00	27.50
Blaze. Deep scarlet red.	Dec. 10	8.00	75.00

## ANEMONE FLOWERED VARIETIES

	Matures	Price per 100	1000
Yellow Blanche. Pale lemon yellow.	Nov. 1	\$3.00	\$27.50
*Helios. Deep golden yellow.	Nov. 10	4.00	35.00
s Sunray. Light lemon yellow.	Nov. 15	3.00	27.50
Faith Engel. Light lemon yellow with golden yellow cushion.	Nov. 15	4.00	35.00
*Susanne Miller. Buff yellow.	Nov. 18	3.00	27.50
*Gleam. Deep lemon yellow.	Dec. 5	8.00	75.00
*Yellow Supreme. Buff yellow suffused pink.	Dec. 10	3.00	27.50
Yellow Garza Supreme. Pale lemon yellow.	Dec. 15	3.00	27.50
s Graceland. White with yellow center.	Oct. 28	3.00	27.50
Blanche.	Nov. 1	3.00	27.50
*White Anemone.	Nov. 5	3.00	27.50
Shasta.	Nov. 8	12.00	100.00
*Little America.	Nov. 10	3.00	27.50
*Irene Hayes.	Nov. 15	8.00	75.00
*White Norma. White suffused with pink.	Nov. 18	3.00	27.50
*Swan.	Dec. 1	8.00	75.00
*White Supreme. White suffused with pink.	Dec. 10	3.00	27.50
Garza Supreme.	Dec. 15	3.00	27.50
*Mrs. Chas. Wylie. Light reddish bronze.	Nov. 1	8.00	75.00
*Cora Scovil. Burnt orange with low golden cushion.	Nov. 10	8.00	75.00
s Bronze Norma. Deep buff bronze.	Nov. 18	3.00	27.50
*Estrelita. Deep buff bronze.	Nov. 20	3.00	27.50
Rolinda. Pale reddish bronze.	Nov. 23	3.00	27.50
Red Rolinda. Deep reddish bronze.	Nov. 23	3.00	27.50
Yolanda. Pale orange bronze.	Nov. 25	3.00	27.50
Chrome Emerald. Golden orange with gold cushion.	Dec. 1	3.00	27.50
*Bronze Supreme. Light bronze suffused pink.	Dec. 10	3.00	27.50
s Betty Rose. Lavender.	Oct. 25	3.00	27.50
Linda Lou. Lavender.	Nov. 8	12.00	100.00
*Elsa Piel. Light lavender.	Nov. 10	4.00	35.00
*Freida. Light lavender with yellow cushion.	Nov. 15	3.00	27.50
*Norma. Orchid pink petals with salmon cushion	Nov. 18	3.00	27.50
*Dark Pink Norma. Deep lavender.	Nov. 18	3.00	27.50
*Long Island Beauty. Pale pink with yellow cushion.	Nov. 20	3.00	27.50
*Beautiful Lady. Deep lavender cream white cushion.	Nov. 25	3.00	27.50
*Dark Pink Supreme. Lavender.	Dec. 10	3.00	27.50
*The Titan. Scarlet crimson with bronzy red cushion.	Nov. 10	3.00	27.50
†Crimson Glow. Crimson maroon.	Nov. 25	3.00	27.50

s—For black cloth shading.

\*—Good disbudbed. †—Cuttings not available till May 1st.

## POT PLANT VARIETIES

	Matures	Price per 100	1000
Pomponette. Primrose yellow.	Sept. 20	\$8.00	\$75.00
Cincinnati. Golden yellow.	Oct. 20	8.00	75.00
Golden Wave. Light golden yellow.	Oct. 20	3.00	27.50
Yellow Caprice. Pale lemon yellow.	Oct. 25	3.00	27.50
Smith's Superlatie. Deep golden yellow.	Oct. 25	3.00	27.50
Yellow Izola. Buff yellow.	Nov. 1	3.00	27.50
Ohio State. Light lemon yellow.	Nov. 1	3.00	27.50
Golden Glory. Golden yellow.	Nov. 1	3.00	27.50
Lila Lilly. Lemon yellow.	Nov. 10	8.00	75.00
Yellow Beauty. Golden yellow.	Nov. 10	4.00	35.00
Bonnaffon DeLuxe. Golden yellow.	Nov. 20	3.00	27.50
Bright Light. Light lemon yellow.	Nov. 20	3.00	27.50
W. H. Lincoln. Golden yellow.	Nov. 25	3.00	27.50
Sunshine. Deep golden yellow.	Nov. 25	3.00	27.50
Christina.	Oct. 20	3.00	27.50
Graceland. White with yellow center.	Oct. 25	3.00	27.50
White Caprice. Cream white.	Oct. 25	3.00	27.50
White Izola. Sport from Izola.	Nov. 1	3.00	27.50
Richard Mandel.	Nov. 10	4.00	35.00
Early Bronze. Orange bronze.	Sept.	3.00	27.50
Thorina. Reddish bronze.	Oct. 20	5.00	40.00
Kathleen Thompson. Bronze.	Oct. 25	3.00	27.50
Bronze Prince. Buff bronze.	Nov. 1	3.00	27.50
Autumn Glow. Deep coral bronze.	Nov. 1	3.00	27.50
Floradora. Pale reddish bronze.	Nov. 1	3.00	27.50
†Glitters. Deep reddish orange.	Nov. 1	3.00	27.50
Greystone. Buff bronze.	Nov. 10	3.00	27.50
Hope Engel. Deep reddish bronze.	Nov. 25	4.00	35.00
Justrite. Light rose pink.	Oct. 15	3.00	27.50
Pink Beauty. Pale rose pink.	Oct. 20	3.00	27.50
Butler's Caprice. Rose pink.	Oct. 25	3.00	27.50
Lilac Caprice. Lavender.	Oct. 25	3.00	27.50
Purple Caprice. Amaranth.	Oct. 25	3.00	27.50
Izola. Amaranth.	Nov. 1	3.00	27.50
Laelia. Lavender.	Nov. 1	3.00	27.50
Pygmy. Deep lavender.	Nov. 10	3.00	27.50
Queen of Pinks. Lavender.	Nov. 10	4.00	35.00
Orchid Beauty. Orchid with golden cushion.	Nov. 15	3.00	27.50
Little Amethyst. Pale lavender.	Nov. 15	8.00	75.00
Patty. Deep lavender.	Nov. 25	3.00	27.50
Red Izola. Amaranth red.	Nov. 1	3.00	27.50
†Red Melba. Light red.	Nov. 5	3.00	27.50
Harvard. Deep red.	Nov. 30	3.00	27.50

## JAPANESE MOUNTAIN OR CASCADE VARIETIES

	Matures	Price per 100	1000
Anna. White. Single.	Oct. 30	\$6.00	\$50.00
Jane Harte. Light lemon yellow.	Oct. 30	6.00	50.00

## HARDY VARIETIES

		Price per 100	1000
Carrie. Light lemon yellow.	Early	\$3.00	\$27.50
Yellow Cushion. Light buff yellow.	Sept.	3.00	27.50
Barbara Cumming. (Yellow Normandie.) Buff yellow.	Sept.	3.00	27.50
Wolverine. Light yellow.	Sept.	3.00	27.50
†Pygmy Gold. Golden yellow.	Sept. 5	4.00	35.00
Early Yellow. Golden yellow.	Sept. 15	3.00	27.50
Algonquin. Golden yellow.	Sept. 20	3.00	27.50
†King Midas. Light lemon yellow.	Sept. 30	3.00	27.50
†Acacia. Pale lemon yellow.	Sept. 30	8.00	75.00
†Mrs. Sam P. Rotan. Deep golden yellow.	Oct. 1	3.00	27.50
†Gleam o' Gold. Pale lemon yellow.	Oct. 1	8.00	75.00
Barneget. Pale lemon yellow.	Oct. 1	3.00	27.50
White Gull.	Aug. 20	3.00	27.50
Jean Cumming. Ivory white.	Sept.	3.00	27.50
White Cushion. (Queen Cushion.)	Sept.	3.00	27.50
Normandie. White suffused with pink.	Sept.	3.00	27.50
Tasiva. Cream white.	Sept.	3.00	27.50
Seminole. Cream white.	Sept. 15	3.00	27.50
†Gerónimo. Buff orange.	Aug. 25	3.00	27.50
Bronze Cushion. (King Cushion.) Buff bronze.	Sept.	3.00	27.50
Early Bronze. Orange bronze.	Sept.	3.00	27.50
Elena. Reddish bronze.	Sept. 20	3.00	27.50
Sunkist. Orange bronze.	Sept. 25	3.00	27.50
Francis Whittlesey. Deep bronze and garnet.	Sept. 30	3.00	27.50
†Autumn Lights. Coppery bronze.	Sept. 30	8.00	75.00
Amoskeag. Buff bronze.	Oct. 1	3.00	27.50
Sonoma. Bronze with golden reverse.	Oct. 1	3.00	27.50
†Mandarin. Coral salmon.	Oct. 10	4.00	35.00
†Saturn. Orange bronze.	Oct. 12	3.00	27.50
Amelia. (Pink Cushion.) Pale lavender.	Sept.	3.00	27.50
Roberta Copeland. Rose pink.	Sept. 15	8.00	75.00
Osego. Deep lavender.	Sept. 15	3.00	27.50
†The Moor. Amaranth.	Sept. 25	3.00	27.50
Muskogee. Deep lavender.	Sept. 27	3.00	27.50
Manantico. Light rose pink.	Sept. 27	3.00	27.50

†—Cuttings not available till May 1st. ‡—Korean varieties.

Twenty-five or more at the hundred rate. Less than twenty-five of any variety at double the rate per hundred. 10 of any one variety is smallest amount sold.



# Hardy German Iris

☛ "S" refers to the three standard or upright curling petals. "F" refers to the three falls or drooping petals.

All prices are F.O.B. Western Springs, Ill., packing charges to be added to cost.

	Each	10	100
<b>Alcazar.</b> "S" light bluish violet; "F" rich velvety crimson-purple. A very rich and striking flower. ....	\$0.50	\$3.00	
<b>Alta California.</b> 48 in. Superb flowers of deep golden yellow, faintly bronzed. An extra fine new yellow. ....	\$0.15	1.20	10.00
<b>Ambassadeur.</b> Late. "S" fascinating smoky purple; "F" velvety purple maroon. Very popular. ....	.50	3.00	
<b>Asia.</b> 45 in. "S" pale silvery lavender deepening at the base to golden yellow. "F" pale reddish purple, lighter at the edges. ....	.10	.80	5.00
<b>Attye Eugenia.</b> 38 in. Large, heavy textured flower that has the appearance of being carved from real ivory. ....	.35	.....	.....
<b>Baldwin.</b> 40 in. Gigantic flowers of manganese violet. ....	.12	1.00	8.00
<b>Black Wings.</b> 38 in. Large flowers of intense midnight blue overlaid with a frosty black cluster. ....	.15	1.20	10.00
<b>Blue Triumph.</b> 42 in. Very large flowers of heavy substance, considered the best light blue Iris yet introduced. ....	.25	2.00	.....
<b>Blue Velvet.</b> 46 in. A clear, beautiful, very dark blue self, the color of the richest deep blue velvet. ....	.15	1.00	8.00
<b>California Gold.</b> 36 in. A super novelty with magnificent, large flowers of dazzling, deep golden yellow. ....	.30	2.50	.....
<b>Cheerio.</b> 40 in. Considered the most brilliant of all red Irises. "S" tan flushed rose; "F" rich glowing red. ....	.40	3.50	.....
<b>Cinnabar.</b> 42 in. A fine large flower of rich, velvety-red tone. Withstands rain, wind and sun in fine shape. ....	.10	.80	6.00
<b>Copper Lustre.</b> 36 in. Huge flowers of a blend of glowing copper and gold with iridescent sheen. ....	.90	8.00	.....
<b>Canopus.</b> 36 in. Dominion seedling. "S" reddish violet; "F" rich pansy violet. ....	.50	3.00	
<b>Caprice.</b> "S" reddish purple; "F" deeper purple. ....	.50	3.00	
<b>Clara Noyes.</b> 38 in. Of sensational coloring, a brilliant blending of red, orange and yellow. ....	.15	1.00	8.00
<b>Corrida.</b> 30 in. Small flowers of exquisite pure blue. Ideal for cutting and for table decoration. ....	.50	3.00	
<b>Crystal Beauty.</b> 40 in. Large, perfectly shaped flowers of pure snow-white on well branched stalks. ....	.12	1.00	8.00
<b>Dauntless.</b> 40 in. One of the brightest red Irises. A brilliant rose-red self with flaring falls that appear darker because of their velvety quality. ....	.15	1.20	10.00
<b>Desert Gold.</b> 30 in. Very large flowers of soft luminous yellow. Early flowering; fragrant. ....	.15	1.20	10.00
<b>Dream.</b> 36 in. "S" and "F" soft clear pink. A beautiful Iris of Pallida type. ....	.50	3.00	
<b>El Capitan.</b> 40 in. Huge light violet-blue flowers. ....	.15	1.00	8.00
<b>Empress of India.</b> 36 in. Beautiful light violet-blue. ....	.50	3.00	
<b>Ethelwyn Dubuar.</b> Very fine large flowers of deep pink with delightful ruffling. Decidedly bigger and better than any other in its color class. ....	.15	1.20	10.00
<b>Frieda Mohr.</b> 42 in. A gigantic pink-toned Iris of perfect form and brilliant coloring. Fragrant. ....	.15	1.00	8.00
<b>Gold Imperial.</b> 33 in. Chrome yellow throughout except for conspicuous orange beard. ....	.75	5.00	
<b>Gudrun.</b> 36 in. Enormous, well shaped flowers of lovely pure white, dusted with soft gold at the throat. ....	.20	1.80	15.00
<b>Happy Days.</b> 40 in. An immense clear yellow that usually carries 7 to 8 massive blooms to the stalk. ....	.25	2.00	.....
<b>Juniata.</b> Clear blue flowers, large and fragrant. ....	.50	3.00	
<b>King Juba.</b> 38 in. "S" pure clear yellow; "F" wide, deep velvety red. A striking variegata. ....	.15	1.00	8.00
<b>Labor.</b> 36 in. "S" dark violet heliotrope; "F" a deeper shade. An absolutely new color. ....	.60	4.00	
<b>Lady Byng.</b> A beautiful Iris of clear pale lavender with a slight suffusion of rose. ....	.50	3.00	
<b>Lord of June.</b> "S" flappy lavender-blue; "F" rich violet-blue. An exceedingly handsome Iris. ....	.50	3.00	
<b>Mother of Pearl.</b> 48 in. A pale bluish lavender flower of exceptional substance. ....	.50	3.00	
<b>Mrs. Walter Brewster.</b> 36 in. Lavender and aniline blue. ....	.50	3.00	
<b>Missouri.</b> 36 in. Clear vivid blue of sensational size. ....	.60	5.50	.....
<b>Morning Splendor.</b> 40 in. Delightfully fragrant; gives a beautiful red effect in the garden. ....	.10	.80	6.00
<b>Pink Satin.</b> 42 in. Large, finely shaped flowers of a very delicate, yet glistening pink. ....	.15	1.20	10.00
<b>Pluie d'Or (Golden Rain).</b> 40 in. Probably the best pure golden yellow self yet introduced. ....	.15	1.20	10.00
<b>President Pilkington.</b> 46 in. Very large flowers of pale buff and lavender blend. Extra choice. ....	.15	1.00	8.00
<b>Prospero.</b> "S" pale lavender flushed with yellow at base; "F" deep red-purple with lighter shadings at margin. Deep orange beard. Strong grower. ....	.50	3.00	
<b>Red Dominion.</b> 40 in. An outstanding variety of glowing ox-blood red. ....	.20	1.50	12.00
<b>Selene.</b> Extra large white, a real giant. Never fails to bloom. Very fragrant; early. ....	.10	.80	6.00
<b>Sensation.</b> 48 in. Enormous cornflower blue flowers of perfect form and heavy substance. ....	.15	1.20	10.00

## GERMAN IRIS—Continued.

	Each	10	100
<b>Sir Michael.</b> 48 in. Considered by many the finest blue bicolor. "S" opalescent lavender-blue; "F" velvety purple. ....	\$0.15	\$1.00	\$8.00
<b>Souv. de Mme. Gaudichau.</b> "S" Bradley's violet; "F" brilliant black-purple. ....	.10	.80	.....
<b>The Black Douglas.</b> 38 in. "S" dark violet; "F" blackish violet. A richly colored Iris of good form. ....	.25	2.00	.....
<b>Valor.</b> 52 in. Velvety blackish violet-blue bi-color of huge size and perfect shape on very tall stems. ....	.15	1.00	6.00
<b>Venus de Milo.</b> 49 in. Pure white with a rich creamy tone. Large flowers of perfect form. ....	.15	1.20	10.00
<b>Vesper Gold.</b> 42 in. A new distinct yellow suffused with violaceous reflections. A beautiful Iris. ....	.60	4.00	
<b>War Eagle.</b> 40 in. "S" light red-purple; "F" reddish-purple with black shadings. In effect, rich, glowing deep red. ....	.25	2.00	15.00

**Named Varieties to Color,** blue, lavender, purple, orchid, pink, yellow, bronze or red. 5 of one color supplied at 10 rate; 25 of one color at 100 rate. 10, 50c; 100, \$3.00.

## FALL BLOOMING IRIS

These varieties bloom in the spring with the early-flowering varieties and have a habit of blooming again in the autumn.

	Each	10	100
<b>Autumn King.</b> 30 in. A large blue-purple bicolor. ....	.15	\$0.80	\$ 6.00
<b>Autumn Queen.</b> A white companion to the Autumn King. ....	\$0.15	1.00	8.00
<b>Eleanor Roosevelt.</b> 28 in. Deep velvety purple self. ....	.15	1.00	8.00
<b>Jean Siret.</b> 15 in. A dwarf yellow that blooms for a long time in both spring and fall and often in midsummer too. ....	.15	1.00	8.00
<b>Lieutenant de Chavegnac.</b> 15 in. Deep red-violet with same habits as Jean Siret. ....	.15	1.20	10.00
<b>Ultra.</b> 14 in. A beautiful ultramarine blue bicolor. Fall bloomer. ....	.80	6.00	

## VARIOUS IRIS

<b>Cristata.</b> Early. A dwarf creeping variety with large blue flowers. Fine for use in rock garden. ....	1.25	.....
<b>Dichotoma (Vesper Iris).</b> Dainty blue flowers, beautifully marked, that open in the afternoon. Blooms profusely during the month of August. ....	.35	3.00
<b>Dorothea K. Williamson.</b> A beautiful beardless Iris with large velvety flowers of vivid purple. ....	.20	1.50
<b>Pseudacorus (Common Yellow Water Flag).</b> Bright yellow. Fine for waterside plantings. ....	1.25	10.00
<b>Versicolor (Common American Water Flag).</b> Showy violet-blue. Blooms for a long time. ....	1.00	8.00
<b>PUMILA Hybrida.</b> 6 to 8 in. Dwarf varieties that bloom two weeks in advance of the German Iris. ....		
<b>Dixmude.</b> "S" aniline blue; "F" rich purple. ....	.50	3.00
<b>Orange Queen.</b> Clear deep yellow. ....	.60	4.00
<b>Spring Skies.</b> Lovely pale blue. ....	.80	6.00

## SIBERIAN IRIS

The most delicate and elegant of all small flowered Irises. They grow on tall stems, have graceful, grass-like foliage, and are excellent for cutting. Always ornamental.

	Each	10	100
<b>Butterfly.</b> Lovely porcelain blue. ....	\$0.60	\$4.00	
<b>Emperor.</b> Large flowers of deep violet-blue. ....	.60	4.00	
<b>Geo. Wallace.</b> (Azure blue) "F" marked white. ....	.50	3.00	
<b>Orientalis.</b> Rich, deep purple. ....	.50	3.00	
<b>Perry's Blue.</b> A tall, beautiful variety, excellent for cutting. Large, well formed flowers of sky-blue. ....	.60	4.00	
<b>Mixed.</b> ....	.50	3.00	

## JAPANESE IRISES (Kaempferi)

<b>Azure.</b> Large delicate mauve flowers. Double. ....	.20	1.75	15.00
<b>Gold Bound.</b> White with gold banded center. Double. ....	.20	1.75	15.00
<b>Kumochi-Guma.</b> Dark purplish indigo. Midseason. ....	.20	1.75	15.00
<b>Mahogany.</b> Velvety mahogany-red. Double. ....	.25	2.00	18.00
<b>Norma.</b> Exquisite silky lavender-pink with clear blue halo surrounding a yellow blotch at center. Fine large double. The best pink Iris. ....	.45	4.00	35.00
<b>Purple and Gold.</b> Rich violet-purple. Gold center. Double. Midseason. ....	.20	1.75	15.00
<b>Seacrest.</b> Six large wavy white petals with a deep blue haft. ....	.20	1.75	15.00
<b>Uchiu.</b> Cerulean blue, veined white. Gold center. Double. ....	.20	1.75	15.00
<b>Zama-No-Mori.</b> Very large single white, shaded azure-blue. ....	.25	2.00	18.00



WRITE FOR SPECIAL QUOTATIONS ON LARGE QUANTITIES.





# Vaughan's Dahlias

In Vaughan's Gardening Illustrated are listed a number of newer varieties that are not listed in this catalogue. If interested in getting any of these, the trade is offered a discount of 33 1/3% on all varieties listed in Vaughan's Gardening Illustrated. This does not apply to any Special Offers listed therein; on these we offer a discount of 15%.

In the following list we offer varieties that we can supply in tubers of suitable size for planting. We advise early ordering to prevent disappointment in case the variety selected should be sold out.

KEY TO ABBREVIATIONS. F.D., Formal Decorative; I.D., Informal Decorative; S.C., Semi-Cactus; Str. C., Straight Cactus; S., Show.

\*—Good cut flower varieties.

## PINK TONES

	Doz.	100
*A. D. LIVONI. (S.) A beautiful soft pink with quilled petals. ....	\$1.25	\$ 8.00
CAVALCADE. (F.D.) A beautiful shade of old rose or mulberry pink. A free and continuous bloomer. A good grower with long wire stems that carry the flowers facing. ....	1.75	12.00
CLARA CARDER. (F.D.) A beautiful shade of Cyclamen pink. Blooms very large on strong stems. Vigorous grower. ....	2.00	15.00
COUNTESSE OF LONSDALE. (Str.C.) A delicate apricot, shading to carmine-pink. Good stem. ....	2.50	18.00
JERSEY'S BEAUTY. (F.D.) The most popular Dahlia. Lavender-pink. Fine stem and foliage. ....	1.25	8.00
JOSEPHINE G. (S.C.) A beautiful true rose-pink flower with petals tipped yellow. ....	2.00	15.00
MRS. IDE VER WARNER. (F.D.) Large flowers of deep mauve-pink. Can be grown to a diameter of 11 inches. ....	.85	6.00
ROSE GLORY. (F.D.) Deep rose pink with fine long stems. Medium height bush. ....	1.75	12.00
W. H. T. (F.D.) A rich old rose with mauve shading on reverse. Flowers carried on strong stems. ....	1.25	8.00

## RED TONES

BAGDAD. (F.D.) An immense flower of flaming scarlet red, borne high above the foliage so that it may be seen all over the garden. A prolific bloomer; flowers are of great size and fine for exhibition. ....	1.75	12.00
CITY OF WELLSTON. (F.D.) Rhodamine purple. Flowers of * large size and perfect quality on long, straight stems. ....	2.00	15.00
GALLANT FOX. (F.D.) A commercial red. Its keeping qualities, sturdy stem and fine color make it a valuable sort. ....	1.75	12.00
GERTRUDE BRINTON. (F.D.) True brick red. Large, well-shaped flowers carried on strong stems. Medium height. ....	1.50	10.00
HUNT'S VELVET WONDER. (I.D.) A rich violet-purple. The huge blooms can be grown to immense size and are fine keepers for so large a flower. A strong grower with heavy disease-resistant foliage. ....	3.50	25.00
JERSEY'S BEACON. (F.D.) Chinese scarlet with a paler reverse, giving a two-toned effect. ....	1.25	8.00
MRS. C. D. ANDERSON. (S.) Rich, clear purple. Flowers large and almost round in form. ....	1.50	10.00
MRS. GEO. LE BOUTILLIER. (I.D.) A rich velvety carmine giant in size and outstanding in all respects. ....	2.00	15.00
MONMOUTH CHAMPION. (F.D.) A brilliant flame color. * Free bloomer. ....	1.25	8.00
MURPHY'S MASTERPIECE. (I.D.) A dark red shading toward garnet. It will withstand sun without fading or burning. Large blooms held on strong stems. A strong grower. Each, 60c. ....	6.00	.....
OAKLEIGH MONARCH. (I.D.) A clear brilliant cerise red. * Very large blooms of great depth which keep well when cut. Strong, rugged grower. ....	3.50	25.00
OMAR KHAYYAM. (F.D.) A Chinese red at the base of petals, * shading to a bright orange with paler tips. Strong grower with large blooms on good stems. ....	1.75	12.00
*PRINCE OF PERSIA. (I.D.) Rich glowing crimson. Great size and substance. ....	2.00	15.00
SATAN. (S.C.) A flaming red with a slight touch of gold at the center. Strong grower with heavy foliage and heavy stems. ....	2.50	18.00

## YELLOW TONES

*AVALON. (I.D.) Clear yellow. Large flowers on long stems. ....	1.25	8.00
BUCKEY KING. (F.D.) A large glowing amber yellow on strong stems. Free bloomer and good grower. ....	2.50	18.00
FRANCIS LA ROCCO IMPROVED. (F.D.) Clear yellow. * Good grower with strong stem. ....	1.50	10.00
MARY HELEN. (S.) A wonderful golden primrose. One of the * best ball type. Large, perfect and fine stem. ....	1.50	10.00
MARY BAKER. (I.D.) A fine clear deep yellow. One of the * earliest and most free blooming Dahlias. ....	2.50	18.00
SULTAN OF HILLCREST. (F.D.) Clear deep lemon-yellow, reverse rosy pink. A unique and unusual color effect that immediately attracts attention. Huge deep blooms on strong stems. ....	2.50	18.00
TOWERS EMPIRE. (I.D.) Color is clear gold with amber * shadings. Stems are exceptionally long and straight, holding the large blooms well above foliage. ....	3.00	20.00

## WHITE TONES

JERSEY'S DAINTY. (S.C.) White with slight lavender tinge. * An excellent cut flower variety that produces many flowers on good stem. ....	2.50	18.00
MARGARET WOODROW WILSON. (I.D.) Face of petals * creamy white, reverse Phlox-pink. ....	.85	6.00
MISS OAKLAND. (F.D.) Pure white. Perfect habit of growth * free flowering; unexcelled for cut flowers or exhibition. ....	5.00	35.00
STAR OF BETHLEHEM. (S.C.) Pure white with fine pointed * petals and tight center. Free bloomer and will produce exhibition blooms. ....	2.00	15.00
WHITE KING. (F.D.) A pure white large-flowering Dahlia of * fine form and substance with strong stems. ....	1.25	8.00
WHITE WONDER. (I.D.) A truly white Fort Monmouth. The * giant blooms are pure white with long twisted and curled petals. ....	1.75	12.00

## LAVENDER and VIOLET SHADES

HARRY MAYER. (F.D.) A silver lavender with reverse of deep * lavender. Sturdy growing habit and heavy texture. ....	1.75	12.00
JEAN TRIMBEE. (I.D.) A rich deep petunia-violet of immense * size carried well above foliage on stiff stems. ....	2.50	18.00



MINIATURE AND POMPON DAHLIAS

	Doz.	100
LAVENDER AND VIOLET SHADES—Continued.		
JESSIE CRAWFORD. (I.D.) Bright orchid. Stems are long and straight. ....	\$1.75	\$12.00
KEMPS VIOLET WONDER. (I.D.) A rich Naphthaline-violet with tone of royal purple. ....	2.50	18.00
SANHICAN'S BLUEBIRD. (I.D.) The outer petals at maturity are bright violet-blue, while the center retains the violet tint; the nearest approach to a blue Dahlia. ....	2.00	15.00
THOMAS A. EDISON. (F.D.) A royal purple with a brilliant * rich finish. The size is large and the petals are of a stag-horn formation. ....	3.00	20.00

## ORANGE and AUTUMN TONES

GREAT EASTERN. (I.D.) Color is a blend of orange and reddish bronze. Blooms very large carried on strong stems. A free bloomer from early to late season. Strong grower with heavy foliage. Each, 65c. ....	6.50	.....
JANE COWL. (I.D.) A large flower of a warm buff and old * gold blending to a bright salmon at the center. ....	1.50	10.00
KENTUCKY. (F.D.) A brilliant salmon. A thrifty grower and * prolific bloomer. ....	1.50	10.00
ORIENTAL GLORY. (I.D.) Color is a cadmium-orange overlaid with scarlet. Center and reverse heavily shaded scarlet. Very free bloomer. ....	2.00	15.00
ROSE FALLON. (F.D.) Dark orange tinted with amber and * salmon and both pleasing and effective. Strong grower. ....	1.25	8.00
RUDY VALLEE. (S.C.) Reddish apricot, gold center. Good * sized flowers held well above foliage on straight stem. ....	3.00	20.00
SAGAMORE. (F.D.) A golden color, shaded toward the center * with warm salmon-rose or orange-buff. ....	1.25	8.00

## POMPONS

BAACHUS. Bright red rounded and full. ....	1.50	10.00
BRONZE BEAUTY. Gold apricot. Fine cut flower variety. ....	1.50	10.00
BRENNEN'S RED. Fine red perfect flowers and good stem. ....	1.25	8.00
CATHERINE. Bright yellow, good form and stem. ....	.85	6.00
EDITH MUELLER. A bright cerise pink. A fine cutting variety. ....	1.25	8.00
EUREKA. Yellow, shading to bronze. ....	.85	6.00
LITTLE HERMAN. Cardinal red shaded maroon tipped white. ....	.85	6.00
MARY MUNNS. Fuchsia overlaid orchid sheen, long stems. ....	1.50	10.00
NORA REYNOLDS. Indian red, strong grower. ....	.85	6.00
ROSA WILMOTH. Small fine formed rose-pink. ....	1.25	8.00
SNOWCLAD. Pure white, one of the best. ....	1.25	8.00

## MINIATURE DAHLIAS

BABY ROYAL. Salmon-pink and apricot with gold shadings. Very free bloomer. ....	1.25	8.00
BISHOP OF LLANDORF (Duplex). Brilliant rich red blooms in contrast to the bronze-dark foliage make it outstanding. ....	2.50	18.00
BUCKEY BABY. (F.D.) Gold buff, early, long lasting and one of the most successful for exhibition and cutting. ....	2.00	15.00
FAIRY. A violet-rose shading mauve at tips. ....	1.25	8.00
LITTLE JEWEL. (F.D.) A beautiful peach blossom pink. ....	1.25	8.00
NESTHACKSCHON. (S.C.) Color buff suffused soft lilac. An artistic miniature when pastel shades are desired. Free flowering and good growing habits. ....	2.50	18.00
ORCHID LADY. (I.D.) A soft orchid without any shading. A very attractive cut flower on good stem. ....	2.50	18.00
SANHICAN'S SWEETHEART. (S.C.) Color ochreous buff suffused rose-red, this is a fine companion for Baby Royal. Low growing bushes always covered with blooms. ....	2.00	15.00
SYLVIA. (F.D.) Garnet red with fine stem. A good grower. ....	5.00	35.00

## Un-Named Dahlias

DOUBLE DAHLIAS TO COLOR. Good varieties in red, pink, white, yellow, variegated and lavender, strong divisions of field roots, per 1,000, \$45.00. ....	.75	5.00
Mixed strong division, per 1,000, \$30.00. ....	.50	3.50

Less than six tubers at double the 100 rate.





ROME GLORY

THE Best Grade Field Grown Roses. Each variety grown by a specialist using the correct method to produce the highest quality. We have listed only the varieties considered best, but we control large stocks of all the popular varieties and will be glad to quote you on your requirements.

PRICES listed are for two-year No. 1 field grown, dormant plants.

Five or more of one variety take the 10 rate; 25 or more of one variety take the 100 rate.

All prices are F. O. B. Western Springs, Ill., packing charges to be added at cost. Subject to change without notice.

## PATENTED ROSES

These "Patented Plants" are being handled under license from the patent owners. They are for resale at retail only at the established retail prices.

**Angels Mateau.** (Patent No. 174.) Enormous, full double, deliciously fragrant flowers of an extraordinary color of orange old-rose. Strong plants with healthy foliage. Each, 60c; 10, \$5.50; 100, \$50.00.

**Betty Prior.** Floribunda. (Pat. No. 340.) Exquisite single pink blooms, in large clusters. Each, 50c; 10, \$4.50; 100, \$40.00.

**Blaze. Cl.** (Patent No. 10.) A new hardy climbing rose which inherits the blazing color in Paul's Scarlet Climber and the everblooming habit of Gruss an Teplitz. Each, 60c; 10, \$5.50; 100, \$50.00.

**Countess Vandal.** (Patent No. 38.) The Rose of Roses! Long pointed bud of bronze, copper-salmon and gold; open often 5 inches across; perfumed. Long stems. Each, 60c; 10, \$5.50; 100, \$50.00.

**Crimson Glory.** (Patent No. 104.) Large urn-shaped buds and well formed flowers of vivid crimson shaded ox-blood red. Vigorous branching growth. Each, 75c; 10, \$7.00; 100, \$60.00.

**Donald Prior.** Floribunda. (Patent No. 377.) Large, semi-double bright scarlet blooms. Each, 50c; 10, \$4.50; 100, \$40.00.

**Doublons. Cl.** Setigera Hyb. (Patent No. 152.) A vigorous climber with heavy wood and handsome glossy foliage. When in bloom the whole plant is covered with large, double, rich golden buff blooms, fading but little; fragrant. Gives two liberal crops six weeks apart if the first spring blossoms have not been cut. Each, 60c; 10, \$5.50; 100, \$50.00.

**Eclipse.** (Patent No. 172.) Internationally famous Rose of new form. The long streamlined buds are of rich gold without shading. Petals are large and tough, averaging 20 to 25 with more in autumn. Comes with slogan "It Eclipses 'em All." Each, 60c; 10, \$5.50; 100, \$50.00.

**Flash Cl.** (Patent No. 396.) Vividly colored new Climber, growing about 7 ft. tall. Flowers glowing orange-scarlet, back of petals yellow, suffused scarlet. Prolific bloomer for several weeks. Each, 70c; 10, \$5.50; 100, \$50.00.

**Golden State.** (Patent No. 303.) Long stemmed very double, long lasting cut flowers of unfading golden yellow on vigorous healthy plants. Each, 60c; 10, \$5.50; 100, \$50.00.

# Roses for Florists

## PATENTED ROSES—Continued.

**Hercule Cl.** (Patent No. 296.) Hardy Setigera Hybrid. Huge flowers, 5 to 6 inches across, of clear deep rose-pink that will equal the finest Hybrid Tea Roses. Each, \$1.30; 10, \$12.50.

**Mabelle Stearns.** (Patent No. 297.) Rosa Setigera Hybrid Dooryard Rose. Very hardy plants growing 2 feet high and spreading 6 to 8 feet or more if permitted. The full double flowers of peach-blossom-pink are produced in panicles from June until frost. Rich green healthy foliage. Each, \$1.30; 10, \$12.50.

**Mme. Cochet-Cochet.** (Patent No. 129.) Beautiful new Rose with long-pointed buds and fine flowers of coppery pink, flushed orange. Free blooming. Each, 60c; 10, \$5.50; 100, \$50.00.

**McGredy's Sunset.** (Patent No. 317.) Soft yellow flushed with orange and scarlet as it opens. Color is intensified as blooms expand and is at its best when fully opened. Full shapely flowers freely borne on strong upright stems. Excellent in hot weather. Each, 75c; 10, \$7.00; 100, \$60.00.

**Miss America.** (Pat. No. 264.) Wonderful new garden rose; healthy, hardy and fragrant. Color is flesh with salmon and gold suffusion. Each, 50c; 10, \$4.50; 100, \$40.00.

**Poinsettia.** The most dazzling red rose we have ever seen. Ideal buds open into large, semi-double beautiful scarlet blooms. Each, 60c; 10, \$5.50; 100, \$50.00.

**President Boone.** (Pat. No. 314.) A gorgeous red rose, largest of them all. Very double, deep velvety crimson. Each, 60c; 10, \$5.50.

**Rex Anderson.** (Patent No. 335.) Beautiful new white with an overcast of ivory. Handsome buds and large blooms. Each, 75c; 10, \$7.00.

**R. M. S. Queen Mary.** (Patent No. 249.) Sensational new garden rose. Its color is a glorious blend of rich glowing salmon and exquisite pure pink, with an orange base. Long pointed buds and large flowers of beautiful form. Each, 75c; 10, \$7.00; 100, \$60.00.

**Rochester.** Floribunda. (Patent No. 131.) Produces a continuous mass of beautiful flowers. Full double blooms, creamy yellow, tinted with the colors of an Oriental pearl. Foliage heavy and disease resistant; growth vigorous; hardy. Each, 50c; 10, \$4.50; 100, \$40.00.

**Rome Glory.** (Patent No. 304.) Best described as a red Dame Edith Helen. A very hardy, robust and vigorous plant. Produces large, full, well-formed, fragrant cerise-red blooms on long stems. Flowers long-lasting on the plant or when cut. Each, 75c; 10, \$7.00; 100, \$60.00.

**Signora.** (Patent No. 201.) This rose is a real sienna opening to a lighter hue toward mandarin. Has handsome foliage and long stems for cutting. Each, 60c; 10, \$5.50; 100, \$50.00.

**Sterling.** (Patent No. 21.) Beautiful clear pink flowers with orange base; bud pointed and very lasting when cut. It is a vigorous grower, has disease-resistant foliage and blooms very freely. Each, 60c; 10, \$5.50; 100, \$50.00.

**The New Dawn. Cl.** (Patent No. 1.) A sport in size, color, etc., but blooms continuously summer and fall. Each, \$1.00; 10, \$9.00; 100, \$75.00.

**Will Rogers.** (Patent No. 256.) Fine blooms of black crimson maroon which holds well. Very vigorous and has a really intense old-rose fragrance. Each, 65c; 10, \$6.00.

**World's Fair.** Floribunda. (Patent No. 362.) Large clusters of velvety, black-scarlet flowers, nearly 4 inches across, with 18 to 20 petals. Blooms continuously; fragrant. Luxuriant foliage. Each, 60c; 10, \$5.50; 100, \$60.00.

## Everblooming Hybrid Tea Roses

PRICES of the following 2 yr. No. 1 dormant. Each, 40c; 10, \$3.50; 100, \$30.00; 1,000, \$250.00.

**Autumn.** Large handsome buds, full double fragrant blooms of gorgeous burnt orange, streaked and marked with red.

**Betty Uprichard.** Semi-double, salmon-pink flowers stained with copper-pink on the outside.

**Briarcliff.** Long, pointed buds; high centered rose-pink blooms. Fine for cutting; fragrant.

**Caledonia.** Long, pointed buds opening into very large, double, high-centered snowy white blooms.

**Dame Edith Helen.** Large, perfectly shaped rose of clear pink. Sweet scented and freely produced on long, strong stems.

**E. G. Hill.** Long, perfectly formed buds and full double flowers of dazzling scarlet.

**Etoile de Hollande.** A brilliant dark red rose of magnificent size and perfect form; very fragrant.



PATENTED ROSE DOUBLOONS

## Everblooming Hybrid Tea Roses—Continued

**Golden Dawn.** Very double, fragrant flowers of soft lemon-yellow. Very fine garden variety.

**Gruss an Teplitz.** Brilliant red. One of the most prolific bloomers of all.

**Joanna Hill.** A creamy yellow rose with an orange heart. Large, long pointed buds on long, strong stems; vigorous.

**Kaiserin Auguste Viktoria.** Delicate creamy white flowers of beautiful form.

**Leonard Baron.** Mammoth flowers of salmon with an amber glow, hardy.

**Margaret McGredy.** A most magnificent rose. Flowers are large, quite double, and in color a glorious shade of brilliant orange scarlet.

**Mme. Butterfly.** A glorified sport of Ophelia with all the colors of Ophelia intensified, making it a harmony of bright pink, apricot and gold.

**Mrs. Charles Bell.** (Shell-Pink Radiance.) Beautiful salmon-shell-pink. Has all the excellent qualities of Radiance.

**Mme. Jules Bouche.** Very popular garden variety, always in bloom. White, sometimes lightly tinted pink. Fragrant.

**McGredy's Scarlet.** Large flowers of brilliant rose-red with scarlet sheen.

**Mrs. E. P. Thom.** Fine long buds opening into perfectly shaped flowers of rich lemon-yellow.

**Mrs. Henry Bowles.** Well formed, fragrant flowers of brilliant pink with salmon shadings.

**Mrs. Pierre S. Du Pont.** Reddish gold buds opening into unfading deep golden yellow flowers. Fragrant, always in bloom.

**Mrs. Sam McGredy.** A beautiful new variety, unsurpassed for its elegant, shapely buds. Flowers coppery scarlet-orange, flushed dull red.

**President Herbert Hoover.** A lovely blend of orange-yellow, flame, vivid rose-pink and scarlet.

**Radiance.** Bright rose-pink, shining flowers of wonderful shape and fragrance. Very popular.

**Red Radiance.** A bright, cheerful and even shade of pure red; size, foliage, growth and habit same as in the parent "Radiance."

**Souv. De Claudius Pernet.** The most popular clear yellow rose.

**Talisman.** A remarkable blending of gold, apricot, yellow, deep pink and old-rose.

## SPECIAL TRIAL OFFER

### OF EVERBLOOMING HYBRID TEA ROSES AND No. 2 CLOVERSET POTS

25	Roses in 5 varieties.....	both for \$ 9.00
25	Cloverset Pots No. 2.....	
50	Roses in 5 varieties.....	both for \$17.00
50	Cloverset Pots No. 2.....	
100	Roses in 10 varieties.....	both for \$32.50
100	Cloverset Pots No. 2.....	

Popular Roses, such as E. G. Hill, Joanna Hill, McGredy's Scarlet, Mrs. E. P. Thom, Mme. Jules Bouche, Pres. H. Hoover, Radiance, Red Radiance, Southport, Talisman, etc. included in this offer.

For prices of Cloverset Pots, see page 00.



### Famous Hybrid Tea Roses

PRICES of the following, except where noted, Each, 45c; 10, \$4.00; 100, \$35.00.

**Christopher Stone.** Classed with Etoile de Hollande and Crimson Glory as one of the three finest red roses in existence. Produces quantities of brilliant, glowing, velvety scarlet blooms of good form. Each 60c; 10, \$5.00; 100, \$45.00.

**Condesa de Sastago.** Spectacular rose of fiery copper on the inside and yellow on the reverse.

**Cynthia.** Well-formed buds and full double flowers of rich glowing oriental red or brilliant carmine. Vigorous grower and good cut flower variety.

**Duquesa de Penaranda.** Large double flowers of cinnamon-peach color, darker in fall.

**Editor McFarland.** Clear brilliant pink on long cutting stems. Extra fine.

**Golden Rapture.** The perfect yellow rose. Its rich, glowing yellow buds are of ideal form, excellent for cutting. Does not fade.

**Dainty Bess.** Exquisite single flowers of delicate rose-pink with center of wine-red stamens. Blooms continuously in clusters.

**Mme. Joseph Perraud.** (New.) Long, slender pointed, nasturtium-orange buds which open to sweetly fragrant flowers of a charming nasturtium-huff, flushed pink at the margins. Each, 50c; 10, \$4.50; 100, \$40.00.

**Max Krause.** Fine golden yellow for outdoor use—a gold that stays gold. Very double blooms.

**McGredy's Ivory.** Perfectly shaped, ivory white buds open into magnificent blooms of perfect form.

**McGredy's Yellow.** Beautifully formed buds of pure, light buttercup-yellow. Vigorous; free blooming; good foliage.

**Picture.** Velvety, rose-pink rose, every flower being a perfect picture in color and form.

**Pink Dawn.** Extra long buds of glistening rose-pink, excellent for cutting. Heavy bloomer.

**Rouge Mallerin.** Fragrant, long lasting, full double blooms of rich glowing scarlet which does not fade or blue.

**Southport.** Fine flowers of an exceedingly brilliant scarlet which is unaffected by the weather. Very showy and probably the most brilliant of all scarlet roses.

**Souv. de Mme. C. Chambard.** Large, perfectly formed flowers of coral-pink, tinted peach.

**Hinrich Gaede.** Rich, reddish burnt-orange, eventually turning to soft orange-pink. Its unusual beauty attracts much attention.

**The Doctor.** Long, pointed buds that expand to simply enormous blooms of beautiful, glowing rosy-pink. Sweetly fragrant. Each, 60c; 10, \$5.50.

### Hardy Hybrid Perpetual Roses

PRICES of the following, except where noted, 2-year, No. 1, Each, 40c; 10, \$3.50; 100, \$30.00.

**Frau Karl Druschki** (White American Beauty). The best white.

**Mrs. John Laing.** Bright shining pink.

**Ulrich Brunner.** Cherry crimson.

**Henry Nevard.** Unusually fragrant crimson-scarlet flowers of fine form.

#### POT GROWN ROSES

From May 1st on we can supply practically all varieties listed from 5-inch pots, in leaf and in bud, at reasonable prices. We shall be glad to quote on any quantity.

### Climbing Roses

PRICES, except where noted, Each, 40c; 10, \$3.50; 100, \$30.00.

**Bonfire.** Best red climber. Many heavy trusses of small double crimson-scarlet blooms.

**Chaplin's Pink Climber.** A vivid, pure pink Paul's Scarlet Climber.

**Climbing American Beauty.** Large double rosy crimson, flowers freely produced in June.

**Dorothy Perkins.** Good pink climber with shell-pink double flowers in large clusters. Strong, vigorous grower.

**Dr. W. Van Fleet.** A delicate shade of flesh-pink, deepening in the center.

**Mary Wallace.** Large, semi-double flowers, usually 4 inches across, of clear rose-pink with salmon base.

**Mme. Gregoire Staechelin.** Enormous blooms of iridescent pearl-pink, splashed carmine.

**Paul's Scarlet Climber.** Large, well-shaped flowers of a vivid scarlet red that does not fade.

**Primrose.** Large, double flowers of a soft, rich primrose-yellow, borne in clusters of 4 and 5.

**Silver Moon.** Beautiful, fragrant, semi-double flowers 4½ inches and over, of creamy white.

See "Patented Roses" for other varieties.

Our Roses are all Hardy, Northern Grown 2-year, Heavy No. 1 Grade.



### Standard or Tree Roses

We can offer the following varieties on heavy straight stems, 3 to 3½ ft. high. Price, except where noted, \$2.00 each. **Condesa de Sastago**, **Etoile de Hollande**, **Frau Karl Druschki**, **Mme. Joseph Perraud**, **Mrs. E. P. Thom**, **Paul's Scarlet Climber**, **Pink Dawn**, **President H. Hoover**, **Radiance**, **Red Radiance**, **Talisman**, **Crimson Glory**, each, \$2.50.

### Polyantha and Baby Roses

PRICES of the following, Each, 40c; 10, \$3.50; 100, \$30.00.

**Brilliant Echo.** An improved Echo with uniform rosy-pink, double blooms in great profusion.

**Cameo.** (New.) Shell-pink and salmon with a glow of gold. Large sprays in continuous succession.

**Gloria Mundi.** (New.) Double, lasting flowers of glowing orange-scarlet, borne in large clusters.

**Golden Salmon.** Bright orange-salmon flowers in huge clusters. Blooms continuously.

**Ideal.** Decidedly an outstanding variety, flowers brilliant garnet-red, keeping their color well.

**Mrs. R. M. Finch.** Fragrant clusters of large double rose-pink flowers. Vigorous.

**Triomphe Orleanais.** Brilliant cherry-red, lasting in color; blooms profusely in trusses. Considered the finest of the light red Polyanthas.

# Vaughan's Peonies

## WHITE AND LIGHT SORTS

5 of a Kind at the 10 Rate—25 of a Kind at the 100 Rate

We have put the following varieties in storage and can only supply them in divisions from 3 to 5 eyes while the stock lasts.

Peonies may be planted in early spring with good results.

	Each	10	100
8.8 <b>Alsace Lorraine.</b> Creamy white, center tinted Havana brown. Very beautiful form; late midseason...	\$0.20	\$1.50	\$12.00
9.3 <b>Festiva Maxima.</b> Very popular large white. Early...	.20	1.75	15.00
8.9 <b>Jubilee.</b> Very large ivory-white; early...	.30	2.50	20.00
7.9 <b>Mad. de Verneville.</b> One of the most fragrant of all Peonies. Flowers are very full and double, pure white, with center delicately tinted blush. An extra free and reliable bloomer. Early...	.20	1.50	12.00

## LIGHT AND DARK PINK AND ROSE

8.7 <b>Reine Hortense (President Taft).</b> One of the finest Peonies. A vigorous, strong grower, a profuse bloomer and an excellent cut-flower variety. The flowers are extremely large and in color are a uniform light pink, center flecked crimson. Midseason. This variety and Sarah Bernhardt are two pink Peonies of highest quality for all purposes.	.35	2.50	20.00
9.0 <b>Sarah Bernhardt.</b> One of the best pink Peonies in the world. Tall, vigorous grower and prolific bloomer. The color is a dark rose-pink, edged lighter pink; center flecked crimson. Fine cut flower and storage variety; late midseason.	.35	2.50	18.00

## RED AND CRIMSON

	Each	10	100
8.4 <b>Felix Crousse.</b> Large globular blooms of rich, even, brilliant, dazzling ruby-red; late midseason. Good cut flower and storage variety.	\$0.20	\$1.50	\$12.00
8.2 <b>Grover Cleveland.</b> Rich dark crimson; late...	.20	1.50	12.00
8.8 <b>Karl Rosefield.</b> Very large flower, globular, semi-rose type. Extremely vigorous grower; tall, early...	.20	1.50	12.00
8.6 <b>Officinalis Rubra Plena.</b> Old-fashioned early red usually in bloom by Decoration Day.	.40	3.50	25.00
8.8 <b>Richard Carvel.</b> Large globular flowers of uniform bright crimson. Tall, annual and profuse bloomer. Delicate fragrance. Excellent for cut-flowers; usually blooms for Decoration Day.	.35	2.50	20.00

**Tenuifolia Flora Plena.** (Double Fern-leaf Peony). Brilliant dark crimson. Very early. Each, \$1.00; 10, \$9.00.

## UN-NAMED PEONIES—Divided Roots of from 3 to 5 Eyes

	Each	10	100
Double Pink	\$0.15	\$1.00	\$ 8.00
Double White	.15	1.20	9.00
Double Red	.20	1.50	10.00
Double Mixed	.15	1.00	6.00

### 3 to 5 Eye Divisions

CASE LOT No. 1  
(Value \$18.00)  
for \$15.00

75 Unnamed dbl. Pink  
50 " " White  
75 " " Red

The above 200 roots,  
for \$15.00

CASE LOT No. 3  
(Value \$28.50)  
for \$25.00

50 Alsace Lorraine  
75 Sarah Bernhardt  
75 Karl Rosefield

The above 200 roots,  
for \$25.00

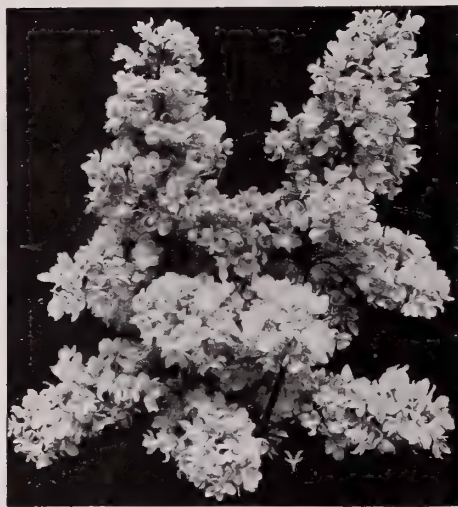


# Ornamental and Flowering Shrubs

Warning—Prices on all nursery stock subject to change without notice. 5 plants of one kind supplied at 10 rate. 25 plants of one kind supplied at 100 rate.



PHILADELPHUS *Virginialis*



LILAC (*Syringa*) Mad. Lemoine



EUONYMUS *Radicans Vegetus*

OUR shrubs are nursery-grown and are transplanted every two or three years. They are nice, shapely bushes with plenty of good fibrous roots, and are such plants as are in demand by the first class retail trade. They should not be compared to stock that is never moved from the cutting or seeding beds until sold. Our Nursery is located at Western Springs, 15 miles west of Chicago, on the C. B. & Q. R. R., two blocks south of 47th Street, on Wolf Road.

Visitors are invited to inspect our stock at any time. We have a choice lot of specimens such as are not usually seen. Our customers will be pleased with the class of stock we send them.

**Shipping Directions:** All stock is sold F. O. B. Western Springs. Packing charges to be added on all orders for shrubs, dormant roses, fruits, trees, evergreens, and vines, at cost. Always give full explicit shipping directions, as our responsibility ends on delivery to the express or freight office in good condition. All trees, shrubs and plants shipped subject to customer assuming risk regarding his own State Nursery Inspection Regulations. Certificate furnished with each shipment.

Where personal selection of stock is made at our Nursery we charge according to its value.

	Each	10	100
ACANTHOPANAX <i>Pentaphyllum</i> . 2 to 3 ft.	\$0.30	\$2.00	\$18.00
3 to 4 ft.	.35	2.50	20.00
4 to 5 ft.	.40	3.00	25.00
5 to 6 ft.	.50	4.00	30.00
ALMOND. See <i>Prunus glandulosa</i> .			
ALTHAEA. See <i>Hibiscus</i> .			
AMELANCHIER <i>Canadensis</i> (Downy Shadblow).			
2 to 3 ft.	.40	3.00	
AMORPHA <i>Fruiticosa</i> . 3 to 4 ft.	.30	2.25	17.00
4 to 5 ft.	.35	2.50	20.00
ARALIA <i>Spinosa</i> (Devil's Walking Stick).			
3 to 4 ft.	.40	3.00	
4 to 5 ft.	.40	3.50	30.00
5 to 6 ft.	.50	4.50	
ARONIA <i>Arbutifolia</i> (Red Chokeberry).			
2 to 3 ft.	.30	2.50	
3 to 4 ft.	.35	3.00	
Melanocarpa <i>Nigra</i> . 3 to 4 ft.	.40	3.00	25.00
4 to 5 ft.	.40	3.50	
5 to 6 ft.	.50	4.50	
AZALEA <i>Kaempferi</i> (Torch A). 18 to 24 in., B. & B.	1.65	15.00	
Kaempferi <i>Hybrids</i> , Mixed.			
18 to 24 in., B. & B.	2.00		
Mollis (Chinese Azalea) 9 to 12 in., B. & B.	.75	6.50	
12 to 15 in., B. & B.	1.00	9.00	
15 to 18 in., B. & B.	1.65	15.00	
BERBERIS <i>Koreana</i> (Korean Barberry). 18 to 24 in.	.40	3.00	25.00
24 to 30 in.	.50	4.00	30.00
Mentorensis. (Patent No. 99) (New Evergreen Barberry). 15 to 18 in.	.40	2.75	20.00
18 to 24 in.	.50	3.35	25.00
Thunbergii. 15 to 18 in.	.15	1.25	10.00
18 to 24 in.	.20	1.50	12.00
24 to 30 in.	.25	2.00	16.00
Thunbergii <i>Atropurpurea</i> . 15 to 18 in.	.20	1.75	15.00
18 to 24 in.	.30	2.50	20.00
Thunbergii <i>Erecta</i> (Truehedge Columnberry).			
(Patent No. 110) 15 to 18 in.	.25	1.60	12.50
18 to 24 in.	.30	2.00	16.00
Prices on Berberis Mentorensis and Berberis Erecta are F. O. B., Painesville, Ohio.			
BUDDLEIA <i>Alternifolia</i> . 18 to 24 in.	.40	3.00	25.00
Dubonnet (New Red). Field grown.	.30	2.50	20.00
Hartwegi. Field grown.	.30	2.50	20.00
Charming (New Pink). Field grown.	.30	2.50	20.00
Ile de France. 2-year, No. 1	.30	2.25	18.00
CALYCANTHUS <i>Floridus</i> (Sweet Shrub). 2 to 3 ft.	.35	2.50	
CARAGANA <i>Arborescens</i> . 2 to 3 ft.	.20	1.75	15.00
3 to 4 ft.	.30	2.50	20.00
4 to 5 ft.	.40	3.00	25.00
5 to 6 ft.	.45	3.50	30.00
CHIONANTHUS <i>Virginica</i> . 3 to 4 ft.	.60	5.50	
CLETHRA <i>Alnifolia</i> (Sweet Pepperbush).			
18 to 24 in.	.40	3.50	

	Each	10	100
CORNUS <i>Alba Sibirica</i> (Coral Dogwood). 2 to 3 ft.	\$0.20	\$1.75	\$14.00
3 to 4 ft.	.25	2.00	16.00
4 to 5 ft.	.30	2.25	18.00
Amomum. 3 to 4 ft.	.25	2.00	16.00
4 to 5 ft.	.30	2.25	18.00
5 to 6 ft.	.35	3.00	25.00
Elegantissima <i>Variegata</i> . 2 to 3 ft.	.50	4.50	
Florida <i>Rubra</i> . See page 65.			
Mas (Cornelian Cherry). 2 to 3 ft.	.50	4.50	
3 to 4 ft.	.60	5.50	
Paniculata. 2 to 3 ft.	.35	2.50	20.00
3 to 4 ft.	.40	3.00	25.00
4 to 5 ft.	.45	3.50	27.50
Stolonifera <i>Flaviramea</i> (Goldentwig Dogwood).			
2 to 3 ft.	.25	1.75	15.00
3 to 4 ft.	.30	2.00	17.50
COTONEASTER <i>Acutifolia</i> . 2 to 3 ft.	.30	2.75	25.00
3 to 4 ft.	.40	3.50	30.00
Divaricata. 2 to 3 ft.	.30	2.50	20.00
3 to 4 ft.	.40	3.00	25.00
4 to 5 ft.	.50	4.00	30.00
Horizontalis.			
24 to 30 in., B. & B.	1.50	12.50	
2½ to 3 ft., B. & B.	1.75	15.00	
Racemiflora <i>Soongarica</i> . 3 to 4 ft.	.60	5.00	
3 to 4 ft., B. & B.	1.00	9.00	
4 to 5 ft.	.75	6.00	
4 to 5 ft., B. & B.	1.25	10.00	
CRAB. See <i>Malus</i> , page 65.			
CRATAEGUS. See page 65.			
CYDONIA <i>Japonica</i> . 18 to 24 in.	.25	2.00	15.00
2 to 3 ft.	.35	3.00	
DAPHNE <i>Cneorum</i> . 7 to 9 in., B. & B.	.50	4.50	
9 to 12 in., B. & B.	.75	7.00	60.00
10 to 13 in., B. & B., heavy forcing grade.		8.00	70.00
DEUTZIA <i>Gracilis</i> . 15 to 18 in.	.35	3.00	25.00
Lemoinei. 18 to 24 in.	.30	2.50	20.00
ELAEAGNUS <i>Angustifolia</i> . 3 to 4 ft.	.35	3.00	20.00
4 to 5 ft.	.40	3.50	25.00
Argentea (Silverberry). 4 to 5 ft.	.50	4.00	
ELSHOLTZIA <i>Stautoni</i> (Heathermint). 18 to 24 in.	.40	3.50	
EUONYMUS <i>Alatus</i> (Burning Bush). 2 to 3 ft.	.50	4.00	
3 to 4 ft.	.75	7.00	
3 to 4 ft., specimens.	1.00		
Alatus <i>Compacta</i> . 18 to 24 in.	.60	5.50	
5 ft. specimens, B. & B.	5.00		
Europaeus (European Burning Bush). 2 to 3 ft.	.30	2.20	18.00
3 to 4 ft.	.35	2.50	20.00
4 to 5 ft.	.40	3.00	25.00
EUONYMUS <i>Radicans Colorata</i> (Bronze Winter Creeper). Foliage bright red during the winter months. 15 to 18 in.	.30	2.50	18.00
18 to 24 in.	.35	3.00	20.00

Please Tell Us How to Ship. We Express Unless Otherwise Instructed.

All Prices are F. O. B. Our Nurseries, Western Springs, Ill.



## ORNAMENTAL SHRUBS—Continued.

EUONYMUS—Continued.	Each	10	100
<b>Radicans Vegetus</b> (Bigleaf Wintercreeper). A trailing evergreen vine with large leaves. Excellent as a ground-cover and for use with evergreens. Orange-scarlet berries in fall. 12 to 15 in. ....	\$0.40	\$3.50	\$30.00
15 to 18 in. ....	.50	4.00	35.00
15 to 18 in., B. & B. ....	.90	7.50	75.00
18 to 24 in. ....	.75	6.50	65.00
18 to 24 in., B. & B. ....	1.15	9.00	90.00
<b>EXOCHORDA Grandiflora</b> . 4 to 5 ft. ....	.40	3.00	25.00
5 to 6 ft. ....	.50	4.00	30.00
<b>FORSYTHIA Intermedia</b> . 2 to 3 ft. ....	.20	1.50	12.00
3 to 4 ft. ....	.25	1.75	14.00
4 to 5 ft. ....	.30	2.00	16.00
5 to 6 ft. ....	.35	2.25	18.00
<b>Intermedia Spectabilis</b> . 2 to 3 ft. ....	.20	1.80	14.00
3 to 4 ft. ....	.30	2.00	16.00
4 to 5 ft. ....	.40	3.00	25.00
<b>Suspensa (Weeping F.)</b> . 2 to 3 ft. ....	.30	2.50	18.00
<b>Suspensa Fortunei</b> . 3 to 4 ft. ....	.25	2.00	17.50
4 to 5 ft. ....	.30	2.25	20.00
5 to 6 ft. ....	.35	3.00	25.00
<b>FOTHERGILLA Major</b> (Springscent). 3 ft. heavy clumps. ....	2.50	.....	.....
<b>FUCHSIA Riccartoni Scarlet Beauty</b> . New Plant Sensation (Plant Patent No. 440). A hardy variety of upright growth to 3 ft. Will bear, from June until severe frosts, thousands of flowers 1½ inches long, of rose-red with corolla of mulberry purple. We offer 3-inch pot plants. ....	.35	2.70	24.00
<b>HALESIA Tetraptera</b> (Silverbell). 2 to 3 ft. ....	.40	3.50	.....
<b>HAMAMELIS Vernalis</b> (Winterblooming Witch Hazel). 2 to 3 ft. ....	.75	6.00	.....
3 to 4 ft. ....	1.00	9.00	.....
4 to 5 ft. ....	1.50	.....	.....
5 to 6 ft., specimens, B. & B. ....	2.25	.....	.....
<b>Virginica</b> . 2 to 3 ft. ....	.50	4.50	.....
<b>HIBISCUS Syriacus</b> (Rose of Sharon). (Althaea). Double Purple, Pink, Red or White. 3 to 4 ft. ....	.30	2.50	20.00
Single Red or White. 3 to 4 ft. ....	.30	2.50	20.00
Single Blue. 2 to 3 ft., tree form. ....	.40	3.50	.....
<b>HOLODISCUS Discolor</b> (Ocean Spray). 2 to 3 ft. ....	.50	4.00	.....
<b>HYDRANGEA Arborescens Grandiflora</b> . 2-year, 18 to 24 in. ....	.30	2.00	18.00
3-year, 2 to 3 ft. ....	.35	2.50	20.00
<b>Opuloides</b> (Blue H). ....	.75	7.00	.....
<b>Paniculata Grandiflora</b> . 2-year, 18 to 24 in. ....	.30	2.50	20.00
3-year, 2 to 3 ft. ....	.35	3.00	25.00
3 to 4 ft., tree form. ....	1.00	.....	.....
<b>Quercifolia</b> . (Oakleaf H.) 18 to 24 in. ....	.50	4.50	40.00
2 to 3 ft. ....	.75	6.50	.....
<b>ILEX Opaca</b> (American Holly). 4 to 5 ft., B. & B. ....	4.50	.....	.....
<b>Opaca Femina</b> . 12 to 15 in., B. & B. ....	1.25	.....	.....
3 to 4 ft., B. & B. ....	4.50	.....	.....
4 to 5 ft., B. & B. ....	5.50	.....	.....
<b>ILEX Verticillata</b> (Common Winterberry). 2 to 3 ft. ....	.45	4.00	35.00
3 to 4 ft. ....	.50	4.50	.....
<b>KALMIA Latifolia</b> (Mountain Laurel). 18 to 24 in., B. & B. ....	1.75	.....	.....
<b>KERRIA Japonica fl. pl.</b> 2 to 3 ft. ....	.60	5.50	.....
<b>KOLKWTZIA Amabilis</b> . 2 to 3 ft. ....	.40	3.50	.....
<b>LIGUSTRUM Amurense</b> (Amoor Privet, North). 18 to 24 in., 4 canes. ....	1.000	\$40.00	.....
2 to 3 ft., 4 canes. ....	.75	6.50	.....
2 to 3 ft., heavy, 2-yr. cut back. ....	1.00	8.00	.....
3 to 4 ft., heavy, 2-yr. cut back. ....	1.50	12.00	.....
4 to 5 ft., heavy, cut back. ....	1.80	15.00	.....
<b>Ibolum</b> . 2 to 3 ft., 2-yr. heavy. ....	1.00	8.00	.....
3 to 4 ft., heavy. ....	1.50	12.00	.....
4 to 5 ft., heavy, cut back. ....	1.80	15.00	.....
<b>Ibota</b> . 2 to 3 ft., 2-yr. heavy. ....	1.25	10.00	.....
3 to 4 ft., 2-yr. heavy. ....	1.75	15.00	.....
<b>Ibota Regelianum</b> . 18 to 24 in. ....	.30	2.50	20.00
2 to 3 ft. ....	.40	3.00	25.00
3 to 4 ft. ....	.50	4.00	.....
<b>Chinese Elm Hedging</b> —See <i>Ulmus Pumila</i> under Trees, page 66.	.....	.....	.....
<b>LILAC</b> . See <i>Syringa</i> .	.....	.....	.....
<b>LONICERA</b> (Bush Honeysuckle). <b>Bella Albida</b> . 3 to 4 ft. ....	.25	2.00	15.00
4 to 5 ft. ....	.30	2.20	18.00
<b>Demissa</b> . 2 to 3 ft. ....	.30	2.50	.....
3 to 4 ft. ....	.40	3.00	.....
<b>Fragrantissima</b> (Winter Honeysuckle). 2 to 3 ft. ....	.25	2.00	15.00
3 to 4 ft. ....	.30	2.50	.....
<b>Kerolkowi Floribunda</b> . 2 to 3 ft. ....	.40	3.00	25.00
3 to 4 ft. ....	.50	4.00	35.00
<b>Maacki Podocarpa</b> (Late Honeysuckle). 3 to 4 ft. ....	.40	3.50	30.00
4 to 5 ft. ....	.50	4.00	35.00
<b>Morrowii</b> . 3 to 4 ft. ....	.25	2.00	17.50
4 to 5 ft. ....	.30	2.50	20.00
5 to 6 ft. ....	.35	2.75	22.50
<b>Ruprechtiana</b> . 2 to 3 ft. ....	.20	1.75	15.00
3 to 4 ft. ....	.25	2.00	18.00
4 to 5 ft. ....	.30	2.50	20.00
<b>Tatarica Alba</b> . 2 to 3 ft. ....	.20	1.75	15.00
3 to 4 ft. ....	.30	2.50	20.00
4 to 5 ft. ....	.35	3.00	25.00
<b>Tatarica Rosa</b> . 2 to 3 ft. ....	.20	1.75	15.00
3 to 4 ft. ....	.25	2.00	18.00
4 to 5 ft. ....	.30	2.50	20.00
<b>MAHONIA Aquifolium</b> (Oregon Hollygrape). 12 to 15 in., B. & B. ....	.75	6.00	.....
15 to 18 in., B. & B. ....	1.00	7.50	.....
18 to 24 in., B. & B. ....	1.25	10.00	.....
<b>MORUS Alba Tatarica</b> (Russian Mulberry). 3 to 4 ft. ....	.25	2.00	15.00
4 to 5 ft. ....	.30	2.50	20.00
5 to 6 ft. ....	.40	3.00	25.00

PHILADELPHUS Avalanche	Each	10	100
(Syringa). 2 to 3 ft. ....	\$0.25	\$2.00	\$18.00
3 to 4 ft. ....	.30	2.50	20.00
<b>Bouquet Blanc</b> . 2 to 3 ft. ....	.30	2.50	20.00
3 to 4 ft. ....	.35	3.00	25.00
<b>Coronarius</b> . 3 to 4 ft. ....	.20	1.75	14.00
4 to 5 ft. ....	.25	2.00	16.00
5 to 6 ft. ....	.30	2.50	18.00
<b>Coronarius Aureus</b> . 18 to 24 in. ....	.40	3.50	.....
2 to 2½ ft. ....	.50	4.00	.....
<b>Favorite</b> . 2 to 3 ft. ....	.30	2.50	.....
3 to 4 ft. ....	.40	3.50	25.00
<b>Glacier</b> . 2 to 3 ft. ....	.30	2.50	.....
3 to 4 ft. ....	.40	3.50	25.00
<b>Grandiflorus</b> . 3 to 4 ft. ....	.20	1.75	14.00
4 to 5 ft. ....	.25	2.00	16.00
5 to 6 ft. ....	.30	2.50	18.00
<b>Lemoinei</b> . 2 to 3 ft. ....	.25	1.75	15.00
3 to 4 ft. ....	.35	2.00	18.00
<b>Nivalis</b> . 2 to 3 ft. ....	.25	1.75	14.00
3 to 4 ft. ....	.30	2.00	16.00
5 to 6 ft. ....	.30	2.50	20.00
<b>Norma</b> . 2 to 3 ft. ....	.30	2.50	20.00
3 to 4 ft. ....	.40	3.00	25.00
4 to 5 ft. ....	.50	4.00	30.00
<b>Ophelia</b> . 3 to 4 ft. ....	.40	3.00	.....
<b>Pyramidalis</b> . 2 to 3 ft. ....	.35	2.50	20.00
3 to 4 ft. ....	.40	3.00	25.00
4 to 5 ft. ....	.50	4.00	35.00
<b>Virginal</b> . 2 to 3 ft. ....	.25	2.25	20.00
3 to 4 ft. ....	.30	2.75	25.00
4 to 5 ft. ....	.40	3.00	27.50
5 to 6 ft. ....	.50	4.50	40.00
<b>PHYSOCARPUS Monogynus</b> (Dwarf Ninebark). 2 to 3 ft. ....	.25	2.00	18.00
3 to 4 ft. ....	.30	2.50	20.00
<b>PHYSOCARPUS Opulifolius</b> (Common Ninebark). 3 to 4 ft. ....	.20	1.75	15.00
4 to 5 ft. ....	.30	2.50	20.00
5 to 6 ft. ....	.35	3.00	22.50
<b>Opulifolius Aureus</b> (Goldenleaf Ninebark). 3 to 4 ft. ....	.25	2.00	18.00
4 to 5 ft. ....	.30	2.50	20.00
5 to 6 ft. ....	.35	3.00	25.00
<b>PIERIS Floribunda</b> (Lily-of-the-Valley Shrub). 15 to 18 in., B. & B. ....	2.00	.....	.....
<b>POTENTILLA Fruticosa</b> . 18 to 24 in. ....	.30	2.50	.....
2 to 3 ft. ....	.35	3.00	25.00
<b>PRUNUS Besseyi</b> (Hansen Bush Cherry). 18 to 24 in. ....	.30	2.00	17.00
2 to 3 ft. ....	.40	3.00	25.00
<b>PRUNUS Glandulosa</b> (Flowering Almond). <b>Albiplena</b> (Double White). 2 to 3 ft. ....	.45	4.00	.....
<b>Sinensis</b> (Double Pink). 2 to 3 ft. ....	.40	3.50	30.00
3 to 4 ft. ....	.50	4.50	.....
<b>Triloba</b> . See Trees, page 65.	.....	.....	.....
<b>PYRACANTHA Coccinea Lalandi</b> (Laland Fire-thorn). 18 to 24 in., B. & B. ....	1.50	.....	.....
<b>RHAMNUS Cathartica</b> (Buckthorn). 3 to 4 ft. ....	.30	1.75	15.00
4 to 5 ft. ....	.35	2.50	20.00
<b>Frangula</b> . 3 to 4 ft. ....	.30	2.00	18.00
<b>RHODODENDRON Carolinianum</b> . 18 to 24 in., B. & B. ....	2.50	.....	.....
<b>Catawbiense</b> . 2 to 2½ ft., B. & B. ....	3.00	.....	.....
18 to 24 in., B. & B. ....	2.50	.....	.....
<b>Catawbiense Album</b> . 21 to 24 in., with buds, B. & B. ....	4.50	.....	.....
<b>Dr. Dresselhuys</b> . 21 to 24 in., with buds, B. & B. ....	4.50	.....	.....
<b>Maximum</b> (Rosebay R.). 18 to 24 in., B. & B. ....	2.50	.....	.....
2 to 2½ ft., B. & B. ....	3.00	.....	.....
<b>Mrs. C. S. Sargent</b> . 21 to 24 in., with buds, B. & B. ....	4.50	.....	.....
<b>Hybrid Seedlings</b> . 12 to 15 in., with buds, B. & B. ....	1.40	.....	.....
15 to 18 in., with buds, B. & B. ....	2.00	17.50	.....
18 to 24 in., with buds, B. & B. ....	2.50	.....	.....
<b>RHODOTYPOS Kerrioides</b> . 18 to 24 in. ....	.25	2.00	.....
2 to 3 ft. ....	.30	2.50	.....
<b>RHUS Canadensis</b> (Fragrant Sumac). 18 to 24 in. ....	.30	2.50	.....
2 to 3 ft. ....	.40	3.50	30.00
<b>Cotinus</b> (Smoke Tree). 2 to 3 ft. ....	.60	5.50	.....
3 to 4 ft. ....	.75	7.00	.....
<b>ROBINIA Hispidia</b> (Rose Acacia). 3 to 4 ft. ....	.50	4.00	.....
<b>Kelseyi</b> . 2 to 3 ft. ....	.60	5.00	.....
<b>ROSA</b> . <b>Dr. E. M. Mills</b> . 2-year. ....	.30	2.50	.....
<b>Harrison's Yellow</b> . 2-year. ....	.40	3.50	.....
<b>Hugonis</b> . 2-year. ....	.40	3.00	25.00
3-year. ....	.60	5.00	.....
<b>Rubiginosa</b> (Sweetbriar). 2-year. ....	.30	2.50	.....
<b>Rugosa Agnes</b> . 2-year. ....	.30	2.50	.....
<b>Rugosa Blanc Double de Coubert</b> . 2-year. ....	.30	2.50	20.00
<b>Rugosa Belle Poitevine</b> . 2-year. ....	.30	2.50	17.50
3-year. ....	.35	2.50	20.00
<b>Rugosa Dr. Eckener</b> . 2-year. ....	.35	3.00	25.00
<b>Rugosa F. J. Grootendorst</b> . 2-year. ....	.35	3.00	25.00
3-year. ....	.40	3.50	.....
<b>Rugosa Hansa</b> . 2-year. ....	.30	2.00	18.00
3-year. ....	.35	2.50	20.00
<b>Rugosa Pink Grootendorst</b> . 2-year. ....	.35	3.00	25.00
3-year. ....	.40	3.50	.....
<b>Rugosa Rubra</b> . 2-year. ....	.30	2.50	18.00
<b>Setigera</b> (Prairie Rose). 2-year. ....	.25	2.00	18.00
<b>SALIX Discolor</b> (Pussy Willow). 3 to 4 ft. ....	.25	2.00	18.00
4 to 5 ft. ....	.30	2.50	20.00
<b>Pentandra Laurel Willow</b> . 4 to 5 ft. ....	.30	2.50	20.00
5 to 6 ft. ....	.35	2.75	22.50
6 to 8 ft. ....	.40	3.00	.....
<b>Purpurea</b> (Dwarf Blueleaf Arctic Willow). 18 to 24 in. ....	.30	2.50	16.00

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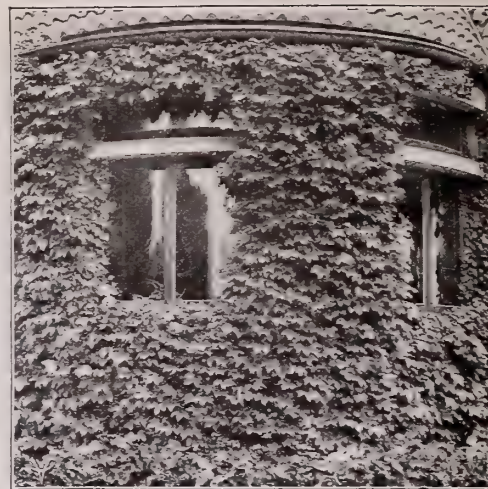


## ORNAMENTAL SHRUBS—Continued.

	Each	10	100
<b>SAMBUCUS.</b>			
<i>Canadensis Acutifolia</i> (Cutleaf American Elder).			
4 to 5 ft.	\$.40	\$3.50	\$25.00
5 to 6 ft.	.50	4.00	30.00
<i>Nigra Aurea</i> . 3 to 4 ft.	.35	3.00	.....
<b>SORBARIA Sorbifolia</b> (Ural False Spiraea). 2 to 3 ft.	.25	2.00	18.00
3 to 4 ft.	.30	2.50	22.50
<b>SPIRAEA Arguta</b> . 2 to 3 ft.	.25	1.80	14.00
3 to 4 ft.	.30	2.50	20.00
4 to 5 ft.	.35	3.00	25.00
<i>Billardii</i> . 3 to 4 ft.	.20	1.80	15.00
4 to 5 ft.	.25	2.00	18.00
<i>Bumalda Anthony Waterer</i> . 15 to 18 in.	.25	2.00	16.00
18 to 24 in.	.30	2.50	20.00
<i>Froebeli</i> . 18 to 24 in.	.20	1.20	9.00
24 to 30 in.	.25	1.50	10.00
30 to 36 in.	.30	2.00	12.00
<i>Latifolia</i> . 3 to 4 ft.	.30	2.00	15.00
4 to 5 ft.	.35	2.50	17.50
<i>Thunbergii</i> . 2 to 3 ft.	.25	2.00	17.50
3 to 4 ft.	.30	2.50	20.00
<i>Trichocarpa</i> (Korean S.). 2 to 3 ft.	.25	2.00	17.50
3 to 4 ft.	.30	2.50	20.00
<i>Van Houttei</i> (Bridalwreath). 2 to 3 ft.	.15	1.20	10.00
3 to 4 ft.	.25	1.50	12.00
4 to 5 ft.	.30	1.75	14.00
5 to 6 ft.	.35	2.00	16.00
<b>SYMPHORICARPOS</b>			
<i>Chenaultii</i> . 2 to 3 ft.	.25	1.50	12.00
<i>Racemosus</i> (Snowberry). 2 to 3 ft.	.20	1.50	12.00
3 to 4 ft.	.25	1.75	14.00
<i>Vulgaris</i> (Indian Currant). 2 to 3 ft.	.20	1.25	10.00
3 to 4 ft.	.25	1.50	12.00
<b>SYRINGA</b> (Lilac) <i>Japonica</i> . 3 to 4 ft.	.50	4.50	.....
<i>Josikaea</i> .			
3 to 4 ft.	.40	3.00	25.00
4 to 5 ft.	.50	4.00	35.00
5 to 6 ft.	.60	.....	.....
<i>Persian Purple</i> . 2 to 3 ft.	.30	2.25	20.00
3 to 4 ft.	.35	2.50	22.50
4 to 5 ft.	.40	2.75	25.00
<i>Villosa</i> . 3 to 4 ft.	.35	3.00	25.00
4 to 5 ft.	.40	3.50	30.00
<i>Vulgaris Purpurea</i> . 2 to 3 ft.	.25	1.75	14.00
3 to 4 ft.	.30	2.00	16.00
4 to 5 ft.	.35	2.50	20.00
5 to 6 ft.	.40	3.50	30.00
<b>NAMED FRENCH VARIETIES.</b>			
<i>Belle de Nancy</i> ; <i>Mad. Lemoine</i> , <i>Pres. Grevy</i> .			
2 to 3 ft.	.50	4.00	35.00
<i>Charles Joly</i> , <i>Charles X</i> , <i>Edith Cavell</i> , <i>Montaigne</i> .			
2 to 3 ft.	.60	5.50	.....
<i>Belle de Nancy</i> , <i>Charles Joly</i> , <i>Mad. Lemoine</i> , <i>Michael Buchner</i> , <i>Montaigne</i> , <i>Pres. Grevy</i> .			
3 to 4 ft.	.75	7.00	.....
<i>Emile Gentil</i> , <i>Lucie Baltet</i> , <i>Rhum Von Horsten-</i> <i>stein</i> , <i>Marchal Lannes</i> , <i>Pres. Poincare</i> . 2 to 3 ft.	1.25	.....	.....
<i>Emile Gentil</i> , <i>Pres. Poincare</i> , <i>Rhum Von Horsten-</i> <i>stein</i> . 3 to 4 ft.	1.50	.....	.....
<i>Diderot</i> . 2 to 3 ft.	1.50	.....	.....
<b>TAMARIX Africana</b> . 3 to 4 ft.	.25	2.00	15.00
4 to 5 ft.	.30	2.25	16.00
5 to 6 ft.	.35	2.50	18.00
<i>Amurensis</i> . 3 to 4 ft.	.25	2.00	18.00
4 to 5 ft.	.30	2.50	20.00
<i>Hispida Aestivalis Rubra</i> . 2-year.	.50	4.00	.....
<b>VIBURNUM Americanum.</b>			
2 to 3 ft.	.40	3.00	25.00
3 to 4 ft.	.50	4.00	35.00
<i>Burkwoodi</i> . 15 to 18 in.	1.25	.....	.....
18 to 24 in.	1.50	.....	.....
<i>Carlesi</i> (Fragrant V).			
18 to 24 in., B. & B.	1.65	.....	.....
<i>Dentatum</i> . 2 to 3 ft.	.30	2.50	20.00
3 to 4 ft.	.35	3.00	25.00
4 to 5 ft.	.40	3.50	30.00
<i>Fragrans</i> . 2 to 3 ft., B. & B.	2.00	.....	.....
3 to 4 ft., B. & B.	3.50	.....	.....
<i>Lantana</i> . 2 to 3 ft.	.30	2.50	20.00
3 to 4 ft.	.35	2.75	22.50
4 to 5 ft.	.40	3.00	25.00
5 to 6 ft.	.50	4.00	27.50
<i>Lentago</i> . 2 to 3 ft.	.40	3.50	.....
3 to 4 ft.	.50	4.00	.....
4 to 5 ft.	.60	5.00	.....
<i>Molle</i> . 2 to 3 ft.	.30	2.50	.....
3 to 4 ft.	.35	3.00	.....
<i>Opulus</i> . 2 to 3 ft.	.35	3.00	25.00
3 to 4 ft.	.40	3.50	30.00
6 to 8 ft.	.75	6.50	.....
<i>Opulus Sterile</i> . 2 to 3 ft.	.40	3.50	25.00
<i>Sieboldi</i> . 3 to 4 ft.	.40	3.50	30.00
4 to 5 ft.	.50	4.00	35.00
<b>ULMUS Pumila</b> , Chinese Elm Hedging—See Trees.			
<b>VITEX Macrophylla</b> . 18 to 24 in.	.40	3.00	.....
<b>WEIGELA Abel Carrieri</b> . 2 to 3 ft.	.30	2.50	.....
3 to 4 ft.	.40	3.50	.....
<i>Floribunda</i> . 2 to 3 ft.	.35	3.00	25.00
3 to 4 ft.	.40	3.50	.....
<i>Rosea</i> . 2 to 3 ft.	.25	2.00	15.00
3 to 4 ft.	.30	2.50	18.00

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AMPELOPSIS Veitchii (Boston Ivy).

## Hardy Vines

	Each	10	100
<b>AKEBIA Quinata</b> . A beautiful Japanese vine with unique foliage and chocolate-purple flowers. 3-year.	\$.35	\$3.00	.....
<b>AMPELOPSIS Aconitifolia</b> (Monkshood Vine). Attractive foliage; amber berries in autumn. 3-year.	.25	2.00	\$15.00
<i>Engelmanni</i> . A hardy and quick-growing, self-clinging vine. 2-year.	.20	1.50	10.00
3-year.	.25	2.00	15.00
<i>Quinquefolia</i> (Woodbine). A good native vine valued for its bright crimson foliage in fall. 2-year.	.20	1.50	10.00
3-year.	.25	1.75	15.00
<i>Veitchii</i> (Boston Ivy). The grandest hardy climbing vine that clings tightly to stone or brick. Good glossy green leaves, three-lobed. 2-year No. 1.	.25	2.00	18.00
3-year.	.35	3.00	25.00
<i>Tricuspidata Lowi</i> (Geranium Creeper). Similar in habit to the Boston Ivy, but with smaller, more deeply cut foliage. 2-year No. 1.	.40	3.00	25.00
<b>ARISTOLOCHIA Sipho</b> (Dutchman's Pipe). 2-year.	.50	4.00	.....
<b>BIGNONIA Radicans</b> . Showy trumpet-shaped flowers of brilliant orange-scarlet. 3-year.	.30	2.50	17.50
2-year.	.25	2.00	15.00
<i>Mme. Gallen</i> . More dwarf than above, but has immense flower clusters. 2-year, grafted.	.60	5.50	.....
<b>CELASTRUS Scandens</b> (American Bittersweet). Hardy climber, with orange-capsuled fruit in autumn. 2-year.	.25	2.00	18.00
3-year.	.30	2.50	20.00
<b>CLEMATIS—Small-Flowering Paniculata</b> . The finest small-flowering Clematis. Pure white, deliciously fragrant flowers. September. 2-year.	.30	2.50	18.00
<b>CLEMATIS—Large-Flowering.</b>			
<i>Duchess of Edinburgh</i> , double white; <i>Henryi</i> , single white; <i>Jackmani</i> , rich deep purple; <i>Mme. Ed. Andre</i> , wine-red; <i>Ramona</i> , blue. 2-year No. 1.	.50	4.00	37.50
2½-inch pots. 50 for \$8.00.	.30	2.10	15.00
<i>Belle of Woking</i> (New). Double silvery grey.	1.00	9.00	.....
<i>Comtesse de Bouchard</i> (New). Satiny rose.	.90	8.50	.....
<i>Lord Neville</i> (New). Rich velvety violet-purple.	.90	8.50	.....
<i>Crimson King</i> . Bright red. 2-year.	1.50	12.50	.....
<i>Prins Hendrik</i> . Azure-blue. 2-year.	1.25	.....	.....
<b>CLEMATIS Texensis</b> (Coccinea). Bell-shaped flowers of bright coral-red. 2-year.	.30	2.00	18.00
<i>Crispa</i> . Flowers deep blue with white border. 2-year.	.30	2.00	18.00
<i>Duchess of Albany</i> (New). Pink trumpet-shaped flowers about 3½ to 4 inches long. 2-year.	1.15	.....	.....
<i>Montana Rubens</i> . Rosy pink Anemone-like flowers. 2-year.	.50	4.00	37.50
<i>Virginiana</i> (Virgin's Bower). Small white flowers in August; plummy seed heads in fall. 2-year No. 1.	.25	2.00	.....
<b>HEDERA Helix.</b>			
<i>English Ivy</i> (Gracilis—Small-Leaved). Hardy. 2½-inch pots.	.....	1.00	7.50
4-inch pots.	.35	2.50	20.00
<b>HYDRANGEA Petiolaris</b> (Climbing Hydrangea). 4-inch pots.	.60	5.00	.....
<b>LONICERA—Honeysuckle</b> , <i>Heckrotti</i> . Flowers dark red and creamy yellow. 2-year.	.40	3.00	22.50
<i>Goldflame</i> . Everblooming like the <i>Heckrotti</i> , with fragrant, trumpet-shaped flowers, bright red outside yellow inside. 2-year.	.40	3.50	30.00
<i>Japonica Halliana</i> (Hall's Japanese). Very fragrant pure white flowers changing to yellow. 2-year 3-year.	.25	1.50	12.00
3-year.	.35	3.00	.....
<i>Sempervirens</i> (Scarlet Trumpet). Fuchsia-like scarlet flowers. 2-year.	.25	2.00	18.00
<b>POLYGONUM Auberti</b> . Fast growing vine, producing foamy masses of white flowers in late summer. 2-year.	.35	3.00	25.00
<b>PUERARIA Thunbergiana</b> (Kudzu Vine). No. 1.	.20	1.50	12.50
<b>WISTERIA</b>			
<i>Frutescens Magnifica</i> . 2-year.	.25	2.00	15.00
3-year.	.30	2.50	18.00
<i>Multijuga Floribunda Rosea</i> (Pink Japanese Wisteria). 1-year, grafted.	.75	6.00	.....
<i>Sinensis Alba</i> . Pure white flowers. 2-year grafts.	.50	4.00	.....
<i>Sinensis Purpurea</i> . Flowers purple. 2-year grafts.	.40	3.50	.....
<i>Sinensis Purpurea—Tree Form or Standards</i> . 3 to 4 ft., stems, B. & B.	5.00	.....	.....



# Ornamental and Shade Trees

All our trees are nursery grown and are one or more times transplanted.

	Each	10	100
<b>ACER Dasycarpum (Silver Maple).</b>			
6 to 8 ft.	\$0.50	\$4.00	\$35.00
8 to 10 ft., 1 to 1½ in. caliper.	.75	6.50	60.00
8 to 10 ft., 1½ to 1¾ in. caliper.	.90	7.50	70.00
10 to 12 ft., 1½ to 1¾ in. caliper.	1.00	8.50	80.00
10 to 12 ft., 1¾ to 2 in. caliper.	1.25	10.00	90.00
12 to 14 ft., 2 to 2½ in. caliper.	1.40	12.50	115.00
12 to 14 ft., 2½ to 2¾ in. caliper.	1.75	15.00	125.00
14 to 16 ft., 2½ to 2¾ in. caliper.	2.00	17.50	150.00
14 to 16 ft., 2¾ to 3 in. caliper.	2.25	20.00	
16 to 18 ft., 3 to 3½ in. caliper.	2.50		
16 to 18 ft., 3½ to 3¾ in. caliper.	3.00		
<b>Dasycarpum Wieri (Wier Maple).</b>			
12 to 14 ft., 2½ to 3 in. caliper.	3.00	27.50	
14 to 16 ft., 3 to 3½ in. caliper.	5.00		
14 to 16 ft., 3½ to 4 in. caliper.	7.00		
<b>Ginnala (Amur Maple). 3 to 4 ft.</b>	.40	3.00	25.00
4 to 5 ft.	.60	5.00	40.00
5 to 6 ft.	.75	6.00	50.00
<b>Palmarum Atrypureum (Bloodleaf Japanese Maple).</b>			
18 to 24 in., B. & B.	2.00		
<b>Platanoides (Norway Maple).</b>			
8 to 10 ft., 1 to 1½ in. caliper.	1.50	12.50	
8 to 10 ft., 1½ to 1¾ in. caliper.	1.60	14.00	
10 to 12 ft., 1½ to 1¾ in. caliper.	1.90	17.50	
10 to 12 ft., 1¾ to 2 in. caliper.	2.25	20.00	
16 to 18 ft., 3 to 3½ in. caliper.	3.50	32.50	
16 to 18 ft., 3½ to 3¾ in. caliper.	3.75	35.00	
16 to 18 ft., 3¾ to 3½ in. caliper.	4.50	42.50	
16 to 18 ft., 3½ to 4 in. caliper.	5.00	47.50	
16 to 18 ft., 4 in. caliper.	6.00	57.50	
16 to 18 ft., 4½ in. caliper.	7.00	65.00	
16 to 18 ft., 5 in. caliper.	12.00	100.00	
Write for prices on all maples in larger sizes.			
<b>Platanoides Globosum (Globe Maple).</b>			
5 to 6 ft., 2-year heads.	3.00		
5 to 6 ft., 3-year heads.	3.50		
5 to 6 ft., 5-year heads.	4.50		
<b>Platanoides Schwedleri (Schwedler Maple).</b>			
6 to 8 ft.	1.75	16.50	
8 to 10 ft., 1 to 1½ in. caliper.	1.75	15.00	
8 to 10 ft., 1½ to 1¾ in. caliper.	2.25	20.00	
10 to 12 ft., 1½ to 1¾ in. caliper.	2.75	25.00	
10 to 12 ft., 1¾ to 2 in. caliper.	3.00	27.50	
12 to 14 ft., 2 to 2½ in. caliper.	3.25	30.00	
12 to 14 ft., 2½ to 2¾ in. caliper.	3.50	32.50	
12 to 14 ft., 2¾ to 2½ in. caliper.	4.00	37.50	
12 to 14 ft., 2½ to 3 in. caliper.	4.50	42.50	
12 to 14 ft., 3 to 3½ in. caliper.	5.00	47.50	
14 to 16 ft., 3½ in. caliper.	5.50	50.00	
14 to 16 ft., 4 in. caliper.	12.00		
<b>Pseudoplatanus Purpureus (Purple Sycamore Maple).</b>			
8 to 10 ft., 1 to 1½ in. caliper.	1.75		
8 to 10 ft., 1½ to 1¾ in. caliper.	2.50		
<b>Saccharum (Sugar Maple).</b>			
8 to 10 ft., 1 to 1½ in. caliper.	1.50	12.50	
8 to 10 ft., 1½ to 1¾ in. caliper.	1.75	15.00	
<b>AESCULUS Carnea (Red Horsechestnut).</b>			
3 to 4 ft.	2.50		
<b>AILANTHUS Glandulosa (Tree of Heaven). 4 to 5 ft.</b>	.35	3.00	
5 to 6 ft.	.50	4.00	
6 to 8 ft.	.65	6.00	
8 to 10 ft., 1 to 1½ in. caliper.	1.00	9.00	
12 to 14 ft., 1½ to 2 in. caliper.	2.00	17.50	
12 to 14 ft., 2 to 2½ in. caliper.	2.50	22.50	
<b>ARALIA Spinosa (See Shrubs).</b>			
<b>BETULA.</b>			
<b>Alba (European White Birch). 6 to 8 ft.</b>	1.00	9.00	
8 to 10 ft.	1.35	12.50	
5 to 6 ft. clumps.	1.50	12.50	
<b>Pendula Gracilis (Cut-Leaved Weeping Birch).</b>			
6 to 8 ft.	2.00		
8 to 10 ft.	2.50		
<b>CATALPA Bungei. 5 to 6 ft., 1-year head.</b>	1.00	9.00	
5 to 6 ft., 2-year head.	1.50	12.50	
<b>Speciosa. 8 to 10 ft., 1 to 1½ in. caliper.</b>	.60	5.00	35.00
8 to 10 ft., 1½ to 1¾ in. caliper.	.75	6.00	45.00
10 to 12 ft., 1½ to 1¾ in. caliper.	.90	7.50	60.00
10 to 12 ft., 1¾ to 2 in. caliper.	1.00	9.00	
<b>CERCIS Canadensis (American Redbud).</b>			
3 to 4 ft.	.90	7.50	
4 to 5 ft.	1.00	9.00	
<b>CHERRY, Japanese—See Prunus.</b>			
<b>CORNUS Florida (White Flowering Dogwood).</b>			
2 to 3 ft., B. & B.	1.50		
3 to 4 ft., B. & B.	1.75		
4 to 5 ft., B. & B.	2.50		
<b>CORNUS Florida Rubra (Red Flowering Dogwood).</b>			
2 to 3 ft., B. & B.	1.75	15.00	
3 to 4 ft., B. & B.	2.50	22.50	
4 to 5 ft., B. & B.	3.25		
<b>CRATAEGUS (Hawthorn).</b>			
<b>Coccinea (Thicket Hawthorn). 3 to 4 ft.</b>	.75	6.00	
4 to 5 ft.	1.25	10.00	
5 to 6 ft.	1.50	12.50	
6 to 7 ft., B. & B.	3.00		
6 to 7 ft., specimens, B. & B.	5.00		
<b>Cordata. 3 to 4 ft.</b>	1.00	9.00	
4 to 5 ft.	1.25	10.00	
5 to 6 ft.	1.75	15.00	
6 to 7 ft.	2.50	22.50	
6 to 7 ft., B. & B.	3.50		
7 to 8 ft., specimens, B. & B.	5.00		
8 to 10 ft., specimens, B. & B.	9.00		
10 to 12 ft., specimens, B. & B.	10.00		

## CRATAEGUS—Continued.

	Each	10	100
<b>Crusgalli. 4 to 5 ft.</b>	\$1.75	\$15.00	
5 to 6 ft.	2.00	17.50	
6 to 7 ft.	2.50	22.50	
6 to 7 ft., sheared specimens, B. & B.	7.50		
<b>Oxycantha (English Hawthorn). 4 to 5 ft.</b>	1.00	9.00	
5 to 6 ft.	1.75	15.00	
6 to 8 ft.	2.00	17.50	
8 to 10 ft.	2.50		
8 to 10 ft., B. & B.	5.00		
<b>Oxycantha Splendens (Paul's Dbl. Scarlet Hawthorn). 3 to 4 ft.</b>	1.10	10.00	
4 to 5 ft.	1.75	15.00	
<b>FAGUS Sylvatica Riversi (Rivers Purple Beech).</b>			
4 to 5 ft.	3.00		
<b>GINKGO Biloba (Maidenhair Tree). 5 to 6 ft.</b>	1.50		
6 to 8 ft., ¾ to 1 in. caliper.	2.50		
8 to 10 ft., 1 to 1¼ in. caliper.	3.00		
<b>GLEDITSIA Triacanthos Inermis (Thornless Honeylocust). 8 to 10 ft., 1 to 1½ in. caliper.</b>	2.25		
<b>JUGLANS Nigra (Black Walnut).</b>			
10 to 12 ft., 2½ to 3 in. caliper.	2.50	22.50	
12 to 14 ft., 3 to 3½ in. caliper.	3.00	25.00	
<b>LABURNUM Vossie (Longcluster Goldenchain).</b>			
6 to 8 ft.	2.00		
<b>LIRIODENDRON Tulipifera. 6 to 8 ft.</b>	1.75	15.00	
<b>MAGNOLIA Glauca (Sweet Bay). 3 to 4 ft., B. &amp; B.</b>	2.50	22.50	
4 to 5 ft., B. & B.	3.00	27.50	
<b>Soulangiana. 2 to 3 ft., B. &amp; B.</b>	2.50	22.50	
3 to 4 ft., B. & B.	3.75	35.00	
4 to 5 ft., B. & B.	5.00		
5 to 6 ft., B. & B.	8.00	75.00	
6 to 8 ft., B. & B.	10.00		
<b>Stellata (Halleana) (Star M.). 2 to 2½ ft., B. &amp; B.</b>	4.00		
2½ to 3 ft., B. & B.	5.00		
<b>MALUS (Flowering Crab Apples).</b>			
<b>Astrosanguinea. 3 to 4 ft.</b>	.60	5.00	
<b>Floribunda, Niedzwetzkyana, Coronaria.</b>			
<b>Floribunda, Niedzwetzkyana, Astrosanguinea. 4 to 5 ft.</b>	.90	7.50	
<b>Floribunda, Niedzwetzkyana, Astrosanguinea. 5 to 6 ft.</b>	1.25	10.00	
<b>Coronaria.</b>			
<b>Baccata, Floribunda, Niedzwetzkyana, Astrosanguinea. 6 to 8 ft., 1 to 1½ in. caliper.</b>	1.75	15.00	
<b>Astrosanguinea, Baccata, Floribunda, Niedzwetzkyana. 6 to 8 ft., 1½ to 1¾ in. caliper.</b>	2.50	22.50	
<b>Astrosanguinea, Baccata, Floribunda, Niedzwetzkyana. 6 to 8 ft., 1¾ to 1½ in. caliper, specimens.</b>	3.00	27.50	
<b>Astrosanguinea, Baccata, Floribunda, Niedzwetzkyana. 6 to 8 ft., 1½ to 2 in. caliper, specimens.</b>	3.50	32.50	
<b>Coronaria.</b>			
<b>Floribunda, Astrosanguinea, Baccata. 2 to 2½ in. caliper, specimens.</b>	5.00		
<b>Astrosanguinea, Baccata, Coronaria. 2½ to 3 in. caliper, specimens.</b>	7.50		
<b>Eleyi (New). 3 to 4 ft.</b>	.60	5.00	
4 to 5 ft.	.90	7.50	
5 to 6 ft.	1.25	10.00	
<b>Ioensis Bechteli (Bechtel's Dbl. Flowering Crab).</b>			
3 to 4 ft.	.75	6.00	
4 to 5 ft.	.90	7.50	
7 to 8 ft., specimens, 1½ to 1¾ in. caliper.	5.00		
7 to 8 ft., specimens, 1¾ to 2 in. caliper.	6.50		
8 to 10 ft., specimens, 2 to 2½ in. caliper.	7.50		
8 to 10 ft., specimens, 2½ to 2½ in. caliper.	10.00		
<b>Sargenti. 3 to 4 ft.</b>	1.25		
4 to 5 ft.	1.75		
5 to 6 ft., 1 to 1½ in. caliper.	3.00		
5 to 6 ft., 1½ to 1½ in. caliper.	3.50		
<b>PLATANUS Occidentalis.</b>			
8 to 10 ft., 1½ to 1½ in. caliper.	1.75	15.00	
<b>POPULUS Bolleana (Bolleana Poplar).</b>			
6 to 8 ft.	.75	6.50	\$50.00
8 to 10 ft., 1 to 1½ in. caliper.	1.00	9.00	75.00
8 to 10 ft., 1½ to 1½ in. caliper.	1.25	10.00	
<b>Eugenei (Carolina Poplar). One of the most rapid growing of all shade trees.</b>			
8 to 10 ft., 1½ to 1½ in. caliper.	.60	5.00	
10 to 12 ft., 1½ to 1½ in. caliper.	.70	6.00	
10 to 12 ft., 1¾ to 2 in. caliper.	.80	7.00	
12 to 14 ft., 2 to 2½ in. caliper.	1.00	9.00	75.00
12 to 14 ft., 2½ to 3 in. caliper.	1.50	12.50	
<b>Nigra Italica (Lombardy Poplar). A valuable tree for landscape work and screens. Our trees are very fine, being branched from the ground. 6 to 8 ft.</b>	.40	2.50	20.00
8 to 10 ft., 1 to 1½ in. caliper.	.50	3.50	30.00
8 to 10 ft., 1½ to 1½ in. caliper.	.60	4.50	40.00
10 to 12 ft., 1½ to 1½ in. caliper.	.80	6.50	60.00
10 to 12 ft., 1¾ to 2 in. caliper.	1.00	7.50	65.00
12 to 14 ft., 2 to 2½ in. caliper.	1.25	9.00	75.00
<b>Simonsi Fastigiata. 6 to 8 ft.</b>	.50	4.00	35.00
8 to 10 ft., 1 to 1½ in. caliper.	.60	5.00	40.00
8 to 10 ft., 1½ to 1½ in. caliper.	.75	6.00	50.00
<b>PRUNUS Americana (American Plum). 3 to 4 ft.</b>	.25	1.80	15.00
4 to 5 ft.	.30	2.00	18.00
5 to 6 ft.	.35	2.50	20.00
6 to 8 ft.	.40	3.00	25.00
<b>Blirieana (Purple-leaved Flowering Plum. 4 to 5 ft.)</b>	.75	6.00	
5 to 6 ft.	1.00	9.00	
<b>Newport (Purple-leaved). 4 to 5 ft.</b>	.70	6.00	
5 to 6 ft.	.90	7.50	
<b>Padus (European Bird Cherry). 3 to 4 ft.</b>	.50	4.00	
4 to 5 ft.	.60	5.00	
5 to 6 ft.	.90	7.50	

Please Tell Us How to Ship. We Express Unless Otherwise Instructed



PRUNUS—Continued.	Each	10	100
Tomentosa (Nanking Cherry). 2 to 3 ft.	\$0.30	\$2.50	\$20.00
3 to 4 ft.	.40	3.00	25.00
4 to 5 ft.	.60	5.00	.....
Triloba (Flowering Plum). 2 to 3 ft.	.50	4.00	35.00
3 to 4 ft.	.60	5.00	45.00
4 to 5 ft.	.90	7.50	.....
Vesuvius (New Purple-leaved Plum). 5 to 6 ft.	.90	7.50	.....
PRUNUS (Japanese Flowering Cherries).			
Autumnalis. 5 to 6 ft.	1.75	15.00	.....
Amanogawa, Kwanzan (Sekizani), or Naden. 5 to 6 ft.	1.50	12.50	.....
PRUNUS, Japanese Weeping Cherry, Double Pink Subhirtella Type. 5 to 6 ft. stems, 1-yr. heads.	3.00	27.50	.....
PTELEA Trifoliata (Hop Tree). 3 to 4 ft.	.30	2.50	.....
4 to 5 ft.	.40	3.00	.....
QUERCUS—Palustris (Pin Oak).			
8 to 10 ft., 1½ to 1¾ in. caliper.	2.50	22.50	.....
8 to 10 ft., 1¾ to 2 in. caliper.	3.00	27.50	.....
12 to 14 ft., 3¼ in. caliper.	7.50	.....	.....
Rubra (Red Oak).			
8 to 10 ft., 1 to 1¼ in. caliper.	2.25	20.00	.....
8 to 10 ft., 1¼ to 1½ in. caliper.	2.75	25.00	.....
10 to 12 ft., 1½ to 1¾ in. caliper.	3.25	30.00	.....
10 to 12 ft., 1¾ to 2 in. caliper.	3.50	32.50	.....
10 to 12 ft., 2 to 2¼ in. caliper.	4.00	37.50	.....
10 to 12 ft., 2¼ to 2½ in. caliper.	4.50	42.50	.....
SALIX Babylonica (Babylon Weeping Willow).			
6 to 8 ft.	.75	6.50	60.00
8 to 10 ft., 1 to 1¼ in. caliper.	1.00	9.00	.....
Vitellina Britzensis. 4 to 5 ft.	.30	2.50	.....
5 to 6 ft.	.40	3.00	.....
6 to 8 ft.	.50	4.00	.....
8 to 10 ft., 1 to 1¼ in. caliper.	.75	6.00	.....
SOPHORA Japonica (Pagoda Tree).			
2 to 3 ft.	.75	6.00	.....
3 to 4 ft.	.85	7.50	.....
SORBUS Aucuparia (European Mountain Ash).			
6 to 8 ft.	1.00	9.00	.....
8 to 10 ft.	1.25	10.00	.....
8 to 10 ft., 1¼ to 1½ in. caliper.	1.50	12.50	.....
TILIA Americana (American Linden).			
8 to 10 ft., 1 to 1¼ in. caliper.	1.35	12.50	.....
8 to 10 ft., 1¼ to 1½ in. caliper.	1.60	15.00	.....
10 to 12 ft., 1½ to 1¾ in. caliper.	2.00	17.50	.....
Parvifolia (European Linden).			
8 to 10 ft., 1 to 1¼ in. caliper.	1.50	12.50	.....
8 to 10 ft., 1¼ to 1½ in. caliper.	1.75	15.00	.....
8 to 10 ft., 1½ to 1¾ in. caliper.	2.00	17.50	.....
Platyphyllos Pyramidalis (Pyramidal European Linden).			
5 to 6 ft.	1.75	16.50	.....
6 to 8 ft.	2.25	20.00	.....
ULMUS Americana (American Elm).			
6 to 8 ft.	.40	3.00	25.00
8 to 10 ft., 1 to 1¼ in. caliper.	.65	5.00	40.00
8 to 10 ft., 1¼ to 1½ in. caliper.	.75	6.00	50.00
10 to 12 ft., 1½ to 1¾ in. caliper.	.90	7.50	65.00
10 to 12 ft., 1¾ to 2 in. caliper.	1.25	10.00	90.00
10 to 12 ft., 2 to 2¼ in. caliper.	1.50	12.50	115.00
12 to 14 ft., 2¼ to 2½ in. caliper.	1.75	15.00	125.00
12 to 14 ft., 2½ to 2¾ in. caliper.	2.00	17.50	150.00
12 to 14 ft., 2¾ to 3 in. caliper.	2.50	20.00	175.00
12 to 14 ft., 3 to 3¼ in. caliper.	2.75	25.00	225.00
12 to 14 ft., 3¼ to 4 in. caliper.	4.00	37.50	350.00
14 to 16 ft., 4 to 4½ in. caliper.	5.00	45.00	.....
4½ to 5 in. caliper.	6.00	55.00	.....
Americana Molini (Moline Elm).			
8 to 10 ft., 1 to 1¼ in. caliper.	1.00	9.00	80.00
8 to 10 ft., 1¼ to 1½ in. caliper.	1.25	11.50	100.00
10 to 12 ft., 1½ to 1¾ in. caliper.	1.50	14.00	125.00
10 to 12 ft., 1¾ to 2 in. caliper.	2.00	17.50	150.00
12 to 14 ft., 2 to 2¼ in. caliper.	2.25	20.00	175.00
12 to 14 ft., 2¼ to 2½ in. caliper.	2.75	25.00	225.00
12 to 14 ft., 2½ to 2¾ in. caliper.	3.00	27.50	250.00
12 to 14 ft., 2¾ to 3 in. caliper.	3.75	35.00	325.00
3¼ to 3½ in. caliper.	4.50	42.50	.....
3½ to 3¾ in. caliper.	5.25	50.00	.....
4 to 4½ in. caliper.	7.00	.....	.....
4½ to 5 in. caliper.	9.00	.....	.....
5 to 5½ in. caliper.	10.00	.....	.....
Pumila (Chinese Elm). 5 to 6 ft.	.50	4.00	35.00
5 to 6 ft., low-branched.	1.00	7.50	.....
6 to 8 ft.	.70	5.00	40.00
8 to 10 ft., 1 to 1¼ in. caliper.	.90	7.50	65.00
8 to 10 ft., 1¼ to 1½ in. caliper.	1.00	9.00	80.00
10 to 12 ft., 1½ to 1¾ in. caliper.	1.50	12.50	.....
10 to 12 ft., 1¾ to 2 in. caliper.	2.00	17.50	.....
10 to 12 ft., 2 to 2¼ in. caliper.	2.25	20.00	.....
10 to 12 ft., 2¼ to 2½ in. caliper.	2.75	25.00	.....
12 to 14 ft., 2½ to 2¾ in. caliper.	3.50	32.50	.....
12 to 14 ft., 2¾ to 3 in. caliper.	4.00	.....	.....
Pumila—Chinese Elm Hedging.			
18 to 24-in. seedling, not transplanted.	.50	3.50	.....
2 to 3-ft. seedling, not transplanted.	.75	5.00	.....

Write for prices on all Elms in larger sizes.

## Vaughan's Evergreens

Prices listed, unless otherwise noted, include baling and burlapping. All our Evergreens are two or more times transplanted.

ABIES Concolor (White Fir). Forms a compact symmetrical tree of blue-green foliage.	Each	10	100
18 to 24 in.	\$1.50	\$12.50	.....
2 to 2½ ft.	1.75	15.00	.....
2½ to 3 ft.	2.50	22.50	.....
3 to 3½ ft.	3.00	27.50	.....
JUNIPERUS Canadensis (Canadian Juniper). Of low-spreading, irregular form with foliage of blue-green. 15 to 18 in.	1.00	9.00	.....
18 to 24 in.	1.35	12.50	.....
24 to 30 in.	1.75	15.00	.....
2½ to 3 ft.	2.00	17.50	.....
Chinensis Keteleeri. Of broad pyramidal form; green foliage. 2 to 2½ ft.	1.75	15.00	.....
2½ to 3 ft.	2.00	17.50	.....
3 to 3½ ft.	2.75	25.00	.....
6 to 6½ ft.	6.50	.....	.....
6½ to 7 ft.	8.00	.....	.....
7½ to 8 ft.	10.50	.....	.....
8 to 8½ ft.	12.00	.....	.....
JUNIPERUS Chinensis Pfitzeriana (Pfitzer Juniper). One of the best of all Junipers. Broad bushy habit. Thick, rich green foliage, giving feathery appearance.			
15 to 18 in. spread.	1.75	15.00	.....
18 to 24 in. spread.	2.50	22.50	.....
24 to 30 in. spread.	3.00	29.00	.....
2½ to 3 ft. spread.	3.75	35.00	.....
3 to 3½ ft. spread.	4.25	40.00	.....
3½ to 4 ft. spread.	5.00	47.50	.....
4 to 4½ ft. spread.	5.50	52.50	.....
4½ to 5 ft. spread.	6.00	57.50	.....
5 to 6 ft. spread.	8.00	75.00	.....
6 to 7 ft. spread.	10.00	90.00	.....
6 to 7 ft. spread, specimens.	12.50	.....	.....
7 to 8 ft. spread.	12.00	100.00	.....
7 to 8 ft. spread, specimens.	15.00	.....	.....
8 to 10 ft. spread.	14.00	120.00	.....
10 to 12 ft. spread.	16.00	140.00	.....
Chinensis Pfitzeriana (Upright Pfitzer). These have been staked into an upright growing habit.			
3 to 3½ ft.	4.25	40.00	.....
3½ to 4 ft.	5.50	52.50	.....
4 to 4½ ft.	7.50	.....	.....
Chinensis Procumbens. Long trailing branches; foliage glaucous green. 15 to 18 in. spread.	1.50	12.50	.....
18 to 24 in. spread.	2.00	17.50	.....
24 to 30 in. spread.	2.50	22.50	.....
2½ to 3 ft. spread.	2.75	25.00	.....
3 to 3½ ft. spread.	3.25	30.00	.....
Chinensis Sargentii. 15 to 18 in.	2.00	17.50	.....
2 to 2½ ft.	2.75	25.00	.....
Communis Depressa Plumosa (Andorra Juniper). Of low-spreading, irregular form with bright green foliage, reddish purple in fall. 12 to 15 in. spread.	1.00	9.00	.....
15 to 18 in. spread.	1.50	12.50	.....
18 to 24 in. spread.	1.75	15.00	.....
2 to 2½ ft. spread.	2.25	20.00	.....
2½ to 3 ft. spread.	2.75	25.00	.....
3 to 3½ ft. spread.	3.25	.....	.....
Sabina (Savin Juniper). Dark green foliage. Spreading, semi-erect branches. 15 to 18 in.	1.25	10.00	.....
18 to 24 in.	1.50	12.50	.....
2 to 2½ ft.	2.00	17.50	.....
Sabina Prostrata Horizontalis. Light green foliage. Low-spreading branches that form a dense mat over the ground. 15 to 18 in.	.85	7.50	.....
18 to 24 in.	1.00	9.00	.....
2 to 2½ ft.	1.50	13.50	\$125.00
2½ to 3 ft.	2.00	17.50	150.00
Sabina Prostrata Horizontalis Glauca. Like the above, but with distinct steel-blue foliage.			
2 to 2½ ft. spread.	1.75	15.00	.....
2½ to 3 ft. spread.	2.25	20.00	.....
3 to 3½ ft. spread.	2.75	25.00	.....
Sabina Von Ehron. Semi-spreading, picturesque drooping branches, and very dark green foliage.			
3½ to 4 ft.	4.00	.....	.....
4 to 4½ ft., specimens.	5.00	.....	.....
Squamata Meyeri (Meyer Juniper). Of dwarf, irregular growth and novel coloring in tones of green, white and pinkish red. 2½ to 3 ft.	2.75	25.00	.....
3½ to 4 ft.	4.00	37.50	.....
Virginia (Red Cedar). Tall-growing, of dense conical habit. Foliage dark green, bronze in winter.			
2½ to 3 ft.	1.25	10.00	.....
3 to 3½ ft.	1.75	15.00	125.00
3½ to 4 ft.	2.25	20.00	175.00
4 to 4½ ft.	3.00	27.50	.....
4½ to 5 ft.	3.50	32.50	.....
6½ to 7 ft. sheared.	6.00	57.50	.....
7 to 7½ ft. sheared.	6.75	65.00	.....
8 to 9 ft. sheared.	8.00	75.00	.....
9 to 10 ft. sheared.	9.00	85.00	.....
10 to 12 ft. sheared.	10.50	100.00	.....
12 to 14 ft. sheared.	12.00	.....	.....
14 to 16 ft. sheared.	15.00	.....	.....
Virginia Cannarti (Cannart Red Cedar). Rich, deep green foliage, heavily tufted. 2 to 2½ ft.	2.25	20.00	.....
2½ to 3 ft.	2.75	25.00	.....
3 to 3½ ft.	3.25	30.00	.....
5 to 5½ ft.	6.25	60.00	.....
5½ to 6 ft.	7.00	67.50	.....
6 to 6½ ft.	7.75	75.00	.....
6½ to 7 ft.	8.50	.....	.....
7 to 7½ ft.	9.50	.....	.....
7½ to 8 ft.	10.50	.....	.....
8 to 9 ft.	12.50	.....	.....

Please Tell Us How to Ship. We Express Unless Otherwise Instructed.



JUNIPERUS—Continued.	Each	10	100
<b>Virginia Glauca (Silver Red Cedar).</b> A form of the Red Cedar with silvery tinged foliage.			
2 to 2½ ft.	\$1.75	\$15.00	
2½ to 3 ft.	2.25	20.00	
3 to 3½ ft.	2.75	25.00	
3½ to 4 ft.	3.25	30.00	
4 to 4½ ft.	3.75	35.00	
4½ to 5 ft.	4.25	40.00	
5 to 5½ ft.	4.75	45.00	
5½ to 6 ft.	5.25	50.00	
6 to 7 ft.	10.00		
7 to 8 ft.	12.00		
8 to 9 ft.	14.00		
9 to 10 ft.	16.00		
<b>Virginia Pyramidiformis Hilli (Dundee Juniper).</b>			
2 to 2½ ft.	2.00	17.50	
2½ to 3 ft.	2.65	25.00	
3 to 3½ ft.	3.00	27.50	
<b>Virginia Schottii (Schott Red Cedar).</b> Fresh green foliage that does not change in winter. 6½ to 7 ft.	8.00		
7 to 7½ ft.	9.00		
7½ to 8 ft.	10.00		
<b>PICEA Canadensis (White Spruce).</b> Silvery green foliage. 2 to 2½ ft.	1.50	12.50	
2½ to 3 ft.	2.00	17.50	
3 to 3½ ft.	2.50	22.50	
<b>Canadensis Albertiana (Black Hill Spruce).</b> A very hardy, compact-growing spruce with dark green foliage. 12 to 18 in.	.90	7.50	
18 to 24 in.	1.50	12.50	
2 to 2½ ft.	2.00	17.50	\$150.00
2½ to 3 ft.	2.25	20.00	
3 to 3½ ft.	2.75	25.00	
3½ to 4 ft.	3.25	30.00	
4 to 4½ ft.	3.75	35.00	
4½ to 5 ft.	4.25	40.00	
5 to 6 ft.	5.50		
6 to 6½ ft.	6.00		
<b>Excelsa (Norway Spruce).</b>			
18 to 24 in.	.90	7.50	
2 to 2½ ft.	1.25	10.00	
2½ to 3 ft.	1.50	12.50	
3 to 3½ ft.	1.75	15.00	
3½ to 4 ft.	3.00	25.00	
4 to 4½ ft.	3.50	30.00	
4½ to 5 ft.	4.00	35.00	
5 to 6 ft.	5.00	45.00	
6 to 7 ft.	6.00		
<b>Omorika (Serbian Spruce).</b> 2½ to 3 ft.	2.50	22.50	
3 to 3½ ft.	3.50	32.50	
<b>Pungens (Colorado Green Spruce).</b> Bluish green foliage. 18 to 24 in.	1.00	9.00	
2 to 2½ ft.	1.50	14.00	125.00
2½ to 3 ft.	2.00	17.50	
3 to 3½ ft.	2.25	20.00	175.00
3½ to 4 ft.	2.75	25.00	
4 to 4½ ft.	3.25	30.00	
4½ to 5 ft.	3.75	35.00	
5 to 6 ft.	7.50		
<b>Pungens Glauca (Colorado Blue Spruce).</b> Selected blue form of the above. 18 to 24 in.	2.25	20.00	
2 to 2½ ft.	2.50	22.50	
2½ to 3 ft.	3.00	27.50	
3 to 3½ ft.	3.75	35.00	
3½ to 4 ft.	4.50	42.50	
4 to 4½ ft.	5.50	52.50	
4½ to 5 ft.	6.50	62.50	
5 to 6 ft.	7.75	75.00	
6 to 7 ft.	8.75	85.00	
7 to 8 ft.	10.00		
8 to 9 ft.	12.00		
9 to 10 ft.	14.00		
10 to 11 ft.	16.00		
11 to 12 ft.	18.00		

## Larger Sizes, Prices on Application.

<b>Pungens Moerheimi (Moerheim Blue Spruce).</b> Foliage of bright intense blue, grown from grafts. Superior to the Koster Blue Spruce. 18 to 24 in.	3.00	27.50
2 ft.	3.75	35.00
2½ ft.	5.00	47.50
3 ft.	6.00	
3½ ft.	7.50	
4 ft.	9.50	
4½ ft.	11.50	
5 ft.	14.00	
5½ ft.	16.50	
6 ft.	20.00	
6½ ft.	22.50	
7 ft.	25.00	
7½ ft.	27.50	
8 ft.	30.00	
8½ ft.	35.00	

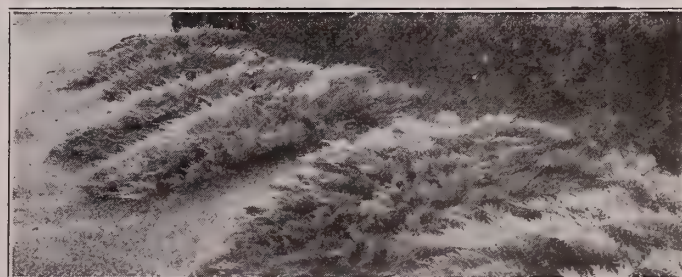
<b>PINUS Montana Mughus (Mugho Pine).</b> A low-growing round topped evergreen, fine for rock planting and foundation work. 18 in.	2.25	20.00
2 ft.	2.50	22.50
2½ ft.	3.00	27.50
3 ft.	3.25	30.00
3½ ft.	4.00	37.50
<b>Nigra (Austrian Pine).</b> A robust, stately tree of rapid growth, and very hardy. 4½ to 5 ft.	3.25	30.00
5 to 5½ ft.	4.00	37.50
5½ to 6 ft.	4.50	42.50
6 to 6½ ft.	5.25	50.00
6½ to 7 ft.	6.50	
<b>Sylvestris (Scotch Pine).</b> Of rapid growth, with strong branches and short, stiff, bluish green foliage. 3 to 3½ ft.	1.50	12.50
3½ to 4 ft.	1.75	15.00
4 to 5 ft.	3.00	25.00

	Each	10	100
<b>TAXUS Cuspidata (Japanese Yew).</b>			
15 to 18 in.	\$1.90	\$17.50	
18 to 24 in.	2.75	25.00	
2 ft.	3.50	32.50	
<b>TAXUS Cuspidata Capitata (Upright Japanese Yew).</b> 15 to 18 in.	1.25	10.00	
18 to 24 in.	2.00	17.50	
2 ft.	2.50	22.50	
2½ ft.	4.00	37.50	
2½ ft. specimens.	5.00		
3 ft.	5.25	50.00	
3 ft. specimens.	6.00		
3½ ft.	6.25	60.00	
3½ ft. specimens.	7.50		
4 ft.	10.00		
4½ ft. specimens.	12.00		
5 ft. specimens.	13.50		
5½ ft. specimens.	15.00		
<b>TAXUS Cuspidata Nana (Dwarf Japanese Yew).</b>			
18 to 24 in.	3.75	35.00	
2 ft.	4.50		
2 ft. heavy specimens.	7.50		
2½ ft. heavy specimens.	9.50		
<b>TAXUS Media Hicksi (Hick's Yew).</b> Very compact, narrow upright. 15 to 18 in.	1.25	11.50	
18 to 24 in.	1.75	15.00	
2 to 2½ ft.	3.00	27.50	
2½ to 3 ft.	4.25	40.00	
3 to 3½ ft.	6.00	57.50	
<b>THUJA Occidentalis (American Arborvitae).</b>			
24 to 30 in.	.90	7.50	
2½ to 3 ft.	1.15	10.00	\$ 90.00
3 to 3½ ft.	1.40	12.50	100.00
3½ to 4 ft.	1.65	14.00	125.00
4 to 4½ ft.	1.90	17.50	
4½ to 5 ft.	2.25	20.00	
5 to 5½ ft.	2.50	22.50	
5½ to 6 ft.	3.00	27.50	
6 to 7 ft.	3.50	32.50	
7 to 8 ft.	5.00	45.00	
8 to 9 ft.	6.50	60.00	
9 to 10 ft.	8.00		
10 to 12 ft.	12.00		
<b>Occ. Douglasi Pyramidalis (Douglas Pyramidal Arborvitae).</b> Of compact, tall slender form; foliage dark green with lighter tips. 3½ to 4 ft.	2.50	22.50	
4 to 4½ ft.	2.75	25.00	
4½ to 5 ft.	3.00	27.50	
<b>Occ. Globosa (Am. Globe Arborvitae).</b> A round, compact form, dark green foliage. 18 in.	1.50	12.50	
24 in.	1.75	15.00	
<b>Occ. Pyramidalis (Am. Pyramidal Arborvitae).</b> A compact, narrowly pyramidal tree with bright green foliage. 18 to 24 in.	1.00	9.00	75.00
2 to 2½ ft.	1.35	12.50	100.00
2½ to 3 ft.	1.50	13.50	125.00
3 to 3½ ft.	1.75	15.00	140.00
3½ to 4 ft.	2.00	17.50	
4 to 4½ ft.	2.25	20.00	
4½ to 5 ft.	2.50	22.50	
5 to 5½ ft.	2.75	25.00	
5½ to 6 ft.	3.00	27.50	
6 to 6½ ft.	3.25	30.00	
6½ to 7 ft.	3.50	32.50	
7 to 8 ft.	5.00	47.50	
<b>Occ. Rosenthali (Rosenthal Arborvitae).</b> Dark green dense foliage; compact grower. 18 to 24 in.	1.50	12.50	
24 to 30 in.	2.00	17.50	
2½ to 3 ft.	2.50	22.50	
3 to 3½ ft.	2.75	25.00	
3½ to 4 ft.	3.00	27.50	
<b>Occ. Wareana (Ware Arborvitae).</b> Of dense broad, pyramidal form with rich green foliage. Very hardy. 2½ to 3 ft.	2.00	17.50	
3 to 3½ ft.	2.25	20.00	
3½ to 4 ft.	2.50	22.50	
4 to 4½ ft.	3.00	27.50	
4½ to 5 ft.	3.50	32.50	
<b>TSUGA Canadensis (Canada Hemlock).</b> Tall growing, broadly pyramidal tree with rich, dark green foliage. Should be planted in shade or semi-shade. 24 to 30 in.	2.00	17.50	

All Evergreens personally selected and tagged in the Nursery will be charged for according to their value, usually 25% above catalog price.

Please Tell Us How to Ship. We Express Unless Otherwise Instructed.

All Prices are F. O. B. Our Nurseries, Western Springs, Ill. Packing Charges Additional at Cost.



JUNIPERUS SABINA HORIZONTALIS



# Vegetable Plants With a Pedigree

## Vaughan's Seeds of Table Quality Varieties are a Sure Selling Specialty

ONE of the most profitable spring crops for the greenhouse or hot-bed plant is seedling vegetable plants for home gardeners. Grow your plants from Vaughan's seeds and advertise the fact. It will bring you discriminating customers and higher prices. On this page we describe some of the varieties which we recommend for vigorous and fast selling plants.

For other varieties, see the vegetable list on the following pages or write for a copy of our retail catalogue, which gives a complete list of vegetables with full descriptions. By advertising that your plants are grown from Vaughan's seeds you will attract custom from the thousands who have received this catalogue.

### YELLOW- RESISTANT CABBAGE

Through the cooperation of the Wisconsin Cabbage Growers and the University of Wisconsin, we are enabled to offer seed of yellows-resistant cabbage from lots which have been tested in the university trials.

These lots of seed are carried under stock numbers as itemized below, and orders for these numbers will be filled as long as the seed lasts. When the tested lots have been exhausted, we will supply at regular prices new crop seed grown from tested stock seed, which should have resistant qualities equal to the parent stock.

Percentage of yellows disease which developed in Dr. Vaughan's tests is shown for each numbered lot as follows:

Jersey Queen, stock 171C or M, 0%; All Head, stock 174R or S, 10%; Racine Market or Detroit, stock 186A, 10%; Wisconsin All Season, stock 191C or R, 4%; Wisconsin Hollander, stock 225W, 0%; Globe, stock 211S or A, 1%; Red Hollander, stock 194W, 1%; Marion Market, stock 206C, 4%; Wisconsin Ballhead, stock 211B, 0%.

In addition to the above, we offer seed of Bugner, 205S, from the same lot which was used by market growers at Racine, Wis., in 1939 with complete satisfaction, which experience we consider equal to a state test.

Seed of the numbered lots specified above is offered at an advance of \$1.00 per pound, 35c per  $\frac{1}{4}$  lb., 10c per oz., over the regular prices for same varieties as hereafter quoted.

### Resistant Golden Acre (Racine Market).

Matures in about 60 days. The earliest yellows-resistant cabbage yet developed. A solid, round head of excellent flavor, crisp and tender. Oz., 60c;  $\frac{1}{4}$  lb., \$1.75; lb., \$6.00.

**Marion Market.** 75 days. The third yellows-resistant cabbage to mature. Of an excellent Copenhagen Market type, though later than select Copenhagen, coming a short time before Glory of Enkhousen. Oz., 65c;  $\frac{1}{4}$  lb., \$2.00; lb., \$6.00.

★**Globe.** 80 days. The resistant Glory of Enkhousen is but 3 to 4 days later than Copenhagen, of excellent flavor. You who think that there is no difference in the flavor of cabbage should compare a mature Globe with any other cabbage. Pkt., 15c; oz., 65c;  $\frac{1}{4}$  lb., \$2.00.

## Standard Bred Cabbages

**Reselected Copenhagen Market Extra Early.** Matures in about 62 days. Earliest of the large heading cabbages, maturing even before the conical types. Market growers have reported their entire crop of this strain harvested before heads from other seed of this variety were ready to cut.

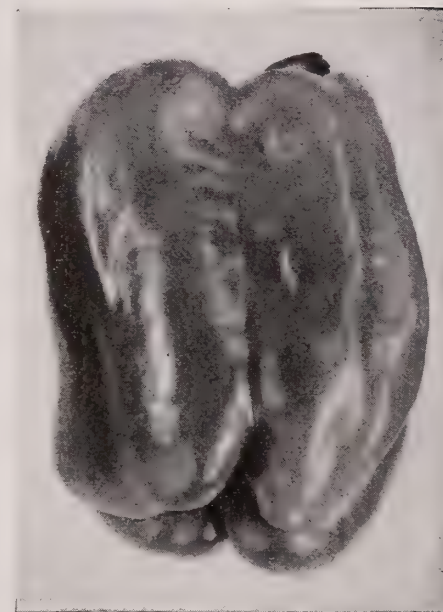
**Reselected Tested Stock.** Oz., 50c;  $\frac{1}{4}$  lb., \$1.50; lb., \$5.00.

**Golden Acre.** Matures in about 60 days. This early round headed variety is slightly earlier than our reselected extra early Copenhagen Market and is similar in most other respects, except that its heads are slightly smaller, weighing 4 to 5 lbs. Oz., 45c;  $\frac{1}{4}$  lb., \$1.25; lb., \$3.50.

**GOLDEN ACRE DANISH GROWN.** Oz., 50c;  $\frac{1}{4}$  lb., \$1.50; lb., \$5.00.

**Glory of Enkhousen.** Matures in about 80 days. This globe-shaped, medium early variety is of excellent flavor and crispness, producing heads weighing eight to ten pounds, and more uniform than the earlier types. Oz., 30c;  $\frac{1}{4}$  lb., 85c; lb., \$2.50.

### Cauliflower Vaughan's New Snowball. Matures in about 55 days. For early out- door planting and forcing, as well as for late sowing for the fall crop, this variety is standard. A well grown head measures 9 to 10 inches across with depth in proportion and a perfectly white core. Pkt., 50c; $\frac{1}{4}$ oz., \$1.50; $\frac{1}{2}$ oz., \$2.75; oz., \$5.00.



CALIFORNIA WONDER

## Peppers

### Vaughan's Giant Magnum Dulce.

This fine mild pepper can be grown to immense size—seven inches long and 4 inches through—but when grown so large the yield is small. To get a large yield of medium sized peppers, pinch off the "king flowers," the first ones to open. Pkt., 15c;  $\frac{1}{2}$  oz., 35c; oz., 65c;  $\frac{1}{4}$  lb., \$2.00.

**California Wonder.** A mild, sweet, mid-season variety, very large, measuring 4 $\frac{1}{2}$  inches in length by 4 inches in diameter. It resembles Chinese Giant in form, but has much thicker flesh. It has a crimson fruit. One of the heaviest peppers grown, not as prolific as some, but much more desirable.  $\frac{1}{2}$  oz., 35c; oz., 65c;  $\frac{1}{4}$  lb., \$2.00.

**Large Bell.** Large blocky fruit, usually mild.  $\frac{1}{2}$  oz., 25c; oz., 45c;  $\frac{1}{4}$  lb., \$1.25.

**Crimson Giant.** One of the earliest large red plant grows two and one-half feet high and bears a large quantity of fruits. The peppers are large, deep green when young and a rich red when ripe; flesh thick, sweet and mild. Pkt., 10c;  $\frac{1}{2}$  oz., 30c; oz., 50c.

CRIMSON  
CUSHION  
Pkt., 10c.



## Standard Bred Tomatoes

**Bonny Best.** 103 days. A shade later than John Baer. Smooth, large and uniform fruit; yields well until frost. Oz., 30c;  $\frac{1}{4}$  lb., 90c; lb., \$3.00.

**Crimson Cushion or Beefsteak.** 120 days. Is very large, round and regular; bright scarlet skin, solid flesh of best quality, seed cells small. Plants are very prolific, fine appearance. Pkt., 10c;  $\frac{1}{2}$  oz., 30c; oz., 50c;  $\frac{1}{4}$  lb., \$1.50; lb., \$4.75.

**Ponderosa—The Giant Tomato.** Matures in about 118 days. Of the large fruited varieties this one is most popular. Oz., 50c;  $\frac{1}{4}$  lb., \$1.50; lb., \$5.00.

**Oxheart.** Matures in about 120 days. Popular because of its shape, large size, and excellent table qualities. Not a heavy yielder. Skin pink, almost seedless; firm, sweet flesh. Pkt., 10c; oz., 65c;  $\frac{1}{4}$  lb., \$2.00; lb., \$7.50.

**Golden Ponderosa.** 118 days. A yellow gem. This is a yellow Ponderosa equal in size to that magnificent variety. Oz., 60c;  $\frac{1}{4}$  lb., \$1.75; lb., \$6.00.

**Vaughan's Select Earliana.** 94 days. Earliest large, smooth bright red tomato. Compact in growth, with stout jointed branches; the vines yield well and the fruit is solid and of fine quality. Oz., 45c;  $\frac{1}{4}$  lb., \$1.25; lb., \$4.00.

**John Baer.** 108 days. Extra early red. Not quite so early as Earliana. John Baer yields a much heavier crop of larger, more uniform and more attractive fruits. Oz., 30c;  $\frac{1}{4}$  lb., 90c; lb., \$3.00.

**Dwarf Stone.** The Largest Dwarf Tomato. 132 days. The fruit is red, and specimens weighing  $\frac{3}{4}$  pound are not uncommon. Oz., 50c;  $\frac{1}{4}$  lb., \$1.50; lb., \$5.00.

## Tomatoes

### For Plants Resistant to Wilt

**Early Baltimore.** 108 days. Illinois University selection, thriving on all soils; smaller fruit, brighter color, heavier yielder than Marglobe. Oz., 45c;  $\frac{1}{4}$  lb., \$1.25; lb., \$4.00.

SEED CERTIFIED by Michigan State Experiment Station. Oz., 50c;  $\frac{1}{4}$  lb., \$1.50; lb., \$5.00.

## Resistant Celery

**Michigan Golden** (College Golden). Developed at Michigan State Agricultural College. A new strain of self-blanching celery resistant to root rot or crown rot "Fusarium Yellows," bred from the tall strain of Golden self-blanching. Pkt., 40c;  $\frac{1}{2}$  oz., 85c; oz., \$1.50;  $\frac{1}{4}$  lb., \$5.50.

For other varieties see complete vegetable list on the following pages.

## Egg Plant

**Black Beauty.** 110 days. Twelve days earlier than New York. In shape it is broad and thick, perfectly spineless and smooth; beautiful, rich purple color and handsome lustre. Oz., 50c;  $\frac{1}{4}$  lb., \$1.50; lb., \$5.00.



# Vaughan's Vegetable Seed Prices for Florists

## VAUGHAN'S VEGETABLE SEEDS

FOR 65 years Vaughan's Seed Store has specialized in quality vegetable seeds for commercial as well as amateur growers. We maintain one of the largest seed testing laboratories in the world and neither buy nor sell any seeds that fail to come up to the highest standards of purity and germination. In addition to this, we place emphasis upon the care, breeding and selection of our seeds in order to insure that they bear crops that are uniform and true to type.

### ARTICHOKE

GREEN GLOBE—Pkt., 10c; oz., 50c.

### ASPARAGUS SEED

	Oz.	¼ lb.	Lb.
Mary Washington.....	\$0.10	\$0.35	\$1.00
Paradise.....	.80	2.50	9.00

### ASPARAGUS ROOTS

	100	1000	5000 per 1000
Mary Washington. 1 Year Old.....	\$2.00	\$12.00	\$10.00
2 Years Old.....	2.25	14.00	12.00

### BUSH BEANS—Green Pod

	1 to 5 lbs., per lb.	10 lbs.	100 lbs.
Black Valentine Stringless.....	\$0.25	\$1.70	\$15 00
Early Red Valentine Stringless.....	.25	1.70	15 00
Longfellow.....	.25	1.70	15 00
Stringless Green Pod.....	.25	1.70	15 00
Dwarf Horticultural.....	.25	1.80	16 00
Improved Navy.....	.15	1.10	9 00
Bountiful Stringless.....	.25	1.60	14 00
Giant Stringless Green Pod.....	.25	1.70	15 00
Tendergreen.....	.25	1.70	15 00
Great Northern.....	.15	1.10	9 00
Pinto.....	.15	1.10	9 00
Stringless Refugee.....	.25	1.70	15 00
Plentiful.....	.30	2.00	18 00
Streamliner.....	.35	2.70	25 00

### WAX BEANS

Davis Stringless Wax.....	.30	1.80	16 00
Golden Wax.....	.30	1.80	16 00
Pencil Pod Black Wax.....	.30	1.80	16 00
Round Pod Kidney Wax.....	.30	1.90	17 00
Wardwell's Kidney Wax.....	.30	1.80	16 00
Gold Standard.....	.30	1.80	16 00
Sure Crop Bountiful Wax.....	.30	1.80	16 00
Unrivalled Wax.....	.30	1.80	16 00

### BUSH LIMA BEANS

Baby Potato.....	.30	1.70	15 00
Henderson's Bush Lima.....	.30	1.70	15 00
Henderson U. S. D. A. No. 2.....	.35	2.00	18 00
Burpee's Bush Lima.....	.35	1.90	17 00
New Wonder Bush Lima.....	.35	2.00	18 00
Fordhook Bush Lima.....	.35	2.40	22 00
Burpee's Improved Bush Lima.....	.35	2.00	18 00
Jackson Wonder.....	.30	1.80	16 00

### POLE LIMA

Early Leviathan.....	.30	1.90	17 00
King of the Garden.....	.30	2.00	18 00
Large White Seeded.....	.30	2.00	18 00
Florida Butter.....	.30	1.80	16 00

### POLE BEANS—Green Pod

Burger's Stringless.....	.25	1.60	14 00
Cut Short or Corn Hill.....	.25	1.70	15 00
Horticultural Cranberry.....	.25	1.70	15 00
Kentucky Wonder or Old Homestead.....	.25	1.70	15 00
Lazy Wife.....	.25	1.70	15 00
McCaslan.....	.25	1.70	15 00
White Creaseback.....	.25	1.70	15 00
Scarlet Runner.....	.35	2.20	20 00

### Wax Pod

Early Golden Cluster Wax.....	.30	1.70	15 00
Kentucky Wonder Wax.....	.30	1.70	15 00

## BEETS

	¼ lb.	Lb.	5 lbs
Perfected Detroit.....	\$0.45	\$1.25	\$6.00
Crosby's (Vaughan's Selected Stock.....	.45	1.25	6.00
Egyptian (Standard Stock.....	.35	1.00	4.75
Detroit Dark Red.....	.35	1.00	4.75
Good For All.....	.45	1.25	6.00
Crimson Globe.....	.35	1.00	4.75
Improved Early Egyptian.....	.45	1.25	6.00
Early Wonder.....	.35	1.00	4.75
Edmand's Turnip, Select Stock.....	.35	1.00	4.75
Early Blood Turnip, Select.....	.35	1.00	4.75
MANGEL—Vaughan's Mammoth Long Red.....	.35	1.00	4.50
Golden Tankard.....	.35	1.00	4.50
Giant Yellow Eckendorf.....	.35	1.00	4.50
Giant Half Sugar Rose.....	.35	1.00	4.50
Barres Sludstrup. Danish Grown.....	.35	1.00	4.50
SUGAR BEETS—Vilmorin's Imperial.....	.35	1.00	4.50
Klein's Wanzleben.....	.35	1.00	4.50

## BROCCOLI

	Oz.	¼ lb.	Lb.
White Mammoth.....	\$0.65	\$2.00	\$6.00
Italian Calabrese.....	.65	2.00	6.00
Purple Cape.....	.65	2.00	6.00

## BRUSSELS SPROUTS

Improved Dwarf.....	.35	1.00	3.00
Long Island Improved.....	.35	1.00	3.00

## CABBAGE

### YELLOW-RESISTANT CABBAGES

Arranged According to Maturity

	Oz.	¼ lb.	Lb.
Jersey Queen.....	\$0.50	\$1.50	\$5.00
Racine Market (Wisconsin Pride).....	.60	1.75	6.00
Wisconsin All Head.....	.50	1.50	5.00
Marion Market.....	.65	2.00	6.00
Globe.....	.65	2.00	6.00
Special Shipper.....	.50	1.50	5.00
Bugner.....	1.00	3.50	10.00
Wisconsin All Season.....	.50	1.50	5.00
Wisconsin No. 8.....	.50	1.50	5.00
Wisconsin Red Resistant.....	1.50	.....	.....

## STANDARD VARIETIES

Early Jersey Wakefield.....	.30	.85	2.50
Charleston Wakefield.....	.30	.85	2.50
Copenhagen Market.....	.45	1.25	3.50
Copenhagen Market Extra Early Selections.....	.50	1.50	5.00
Golden Acre.....	.45	1.25	3.50
Golden Acre. Danish Grown.....	.50	1.50	5.00
Green Acre.....	.85	2 65	8.00
Early Flat Dutch.....	.30	.85	2.50
Succession.....	.25	.65	2.00
Vaughan's All Seasons.....	.30	.85	2.50
Glory of Enkhousen.....	.30	.85	2.50
Early All Head or Faultless.....	.30	.85	2.50
Vaughan's Premium (Late) Flat Dutch.....	.30	.85	2.50
Chinese or Celery Cabbage Vaughan Strain.....	.35	1.10	3.25
Chinese or Celery Cabbage Commercial Strain.....	.30	.85	2.50
Chinese Cabbage Wong Bok.....	.30	.85	2.50
Danish Ballhead (Dwarf Amager).....	.45	1.25	3.50
New Penn State Ballhead.....	.50	1.50	5.00
Dutch Winter or Hollander.....	.45	1.25	3.50

## SAVOY CABBAGE—

Improved American.....	.30	.90	3.00
Long Island.....	.65	2.00	6.00

## RED CABBAGE—

Mammoth Rock Red.....	.65	2.00	6.00
Red Resistant.....	1.50	.....	.....
Giant Winter.....	.50	1.50	5.00
Long Island Red.....	.65	2.00	6.00



## CARROT

	Oz.	¼ lb.	Lb.	5 lbs.
Danvers Half Long. Vaughan's Selected Stock.....	\$0.25	\$0.65	\$2.00	\$9.50
Chantenay. The best for early bunching..	.25	.65	2.00	9.50
Greater Chantenay.....	.25	.65	2.00	9.50
Chantenay. Red core.....	.25	.75	2.25	10.75
New Bunching.....	.25	.75	2.25	10.75
Imperator.....	.25	.75	2.25	10.75

	Oz.	¼ lb.	Lb.
Early Short Scarlet (Dutch Horn).....	\$0.25	\$0.75	\$2.25
Guerande or Oxheart.....	.25	.60	1.75
Nantes Half Long Scarlet, Stump-rooted..	.25	.75	2.25
Improved Long Orange.....	.25	.65	1.90
Mastodon or White Intermediate.....	.25	.65	1.90

## USEFUL VEGETABLES

Chervil. Double curled.....	.35	1.00	3.00
Chicory, Magdeburg. Large rooted.....	.45	1.35	4.00
Chicory, Witloof or French Endive. Fancy..	.45	1.35	4.00
Corn Salad. Round leaved, large seeded.....	.50	1.50	5.00
Cress, Curled or Pepper Grass.....	.25	.65	2.00
Cress, Water cress.....	.85	2.50	7.50
Cress, Upland.....	.25	.65	2.00
Collards.....	.10	.35	1.00
Cardoon.....	.50	1.50	5.00
Chives.....	.50	1.50	5.00

## CAULIFLOWER

Vaughan's Extra Select Snowball. Sold Out.

## Vaughan's New Snowball

One of our Specialties. We know our strain is the equal of any that can be produced. We have tried nearly every other on the market and we have never yet come across anything superior to Vaughan's New Snowball. It is the result of years of careful selection by a most capable and painstaking gardener who grows the seed especially for us on the island of Amagar, near Copenhagen, Denmark, where growing conditions are ideal for the production of perfect seed heads. Vaughan's New Snowball is the best general purpose variety for either spring or fall planting. Heads are usually 9 to 10 inches across, perfectly white, solid, deep and compact.

Pkt., 50c; ¼ oz., \$1.50; ½ oz., \$2.75; oz., \$5.00.

## Vaughan's Earliest Dwarf Erfurt

Combines all pedigree points—earliness, purity of color, dwarf habit and fine grain. A profitable market garden sort.

Pkt., 50c; ¼ oz., \$1.50; ½ oz., \$2.75; oz., \$5.00.

## Dry Weather

For dry climate and dry seasons. Very sure heading and second early. Heads larger than Snowball and snow-white.

Pkt., 50c; ¼ oz., \$1.50; ½ oz., \$2.75; oz., \$5.00.

## Danish Snowball

This is a grand second early. It is the result of long, careful selection, and uniformly produces even, regular heads. Through many seasons it has proven itself reliable.

Pkt. ¼ Oz. ½ Oz. Oz.

Autumn Giant. Very large and productive \$0.25 \$1.00 \$1.75 \$3.35

## CELERY

	½ oz.	Oz.	¼ lb.	Lb.
Golden Phenomenal.....	\$0.35	\$0.65	\$2.00	\$7.00
Giant Pascal. Easy-blanching and a fine keeper.....	.30	.90	3.00	
Soup Celery or Smallage. Green, for soups.....	.20	.50	1.50	
Easy Blanching.....	.40	1.25	4.50	
Emperor. Splendid quality, dwarf.....	.40	1.25	4.50	
White Plume. Vaughan's Selected Stock.....	.30	.90	3.00	
Golden Self-Blanching. New strain, tall.....	.35	.60	1.75	6.00
Golden Self-Blanching. Short.....	.35	.60	1.75	6.00
Golden Plume (Extra selected).....	.70	1.25	4.00	15.00
Golden Plume (Standard).....	.35	.65	1.75	6.00
Michigan Golden (Yellows-resistant).....	.85	1.50	5.50	20.00
Winter Queen.....	.25	.75	2.50	
Golden Detroit.....	.35	.65	2.00	7.00
Utah Golden.....	.35	.60	1.75	6.00

## CELERIAC

Large Smooth Prague. Earliest of all... .30 .90 3.00

## SWEET CORN

All Sweet Corns are listed according to dates of maturity; Hybrid and top crosses are starred (\*).

## Yellow Types

	Lb.	10 lbs.	100 lbs.
*Spancross.....	\$0.50	\$4.50	\$40.00
*Surprise.....	.50	4.50	40.00
*Golden Treasure.....	.50	4.00	35.00
*Our Choice.....	.50	4.50	40.00
*Erlibird.....	.50	4.50	40.00
Golden 60-Day.....	.25	1.80	16.00
Golden Sweet.....	.25	1.80	16.00
*Golden Nugget.....	.50	4.50	40.00
*Marcross.....	.35	2.75	25.00
Early Golden Bantam.....	.25	1.80	16.00
*Early Bancro s.....	.35	2.70	25.00
Golden Sunshine.....	.25	1.80	16.00
*Sweet Cross.....	.35	2.70	25.00
60 Day White.....	.25	1.70	15.00
Mammoth White Cory.....	.25	1.70	15.00
Golden Bantam.....	.25	1.80	16.00
*Bancross.....	.35	2.70	25.00
*Tendergold.....	.35	2.70	25.00
*Whipcross.....	.35	2.70	25.00
Whipple's Yellow.....	.25	1.80	16.00
Howling Mob.....	.25	1.70	15.00
Bantam Evergreen.....	.25	1.80	16.00
*Golden Cross.....	.35	2.70	25.00
Early Evergreen.....	.25	1.80	16.00
Country Gentleman.....	.25	1.80	16.00
Stowell's Evergreen.....	.25	1.80	16.00
*Evergreen Hybrid.....	.50	4.00	35.00
Adams Extra Early.....	.20	1.20	10.00
Narrow Grain Evergreen.....	.25	1.80	16.00

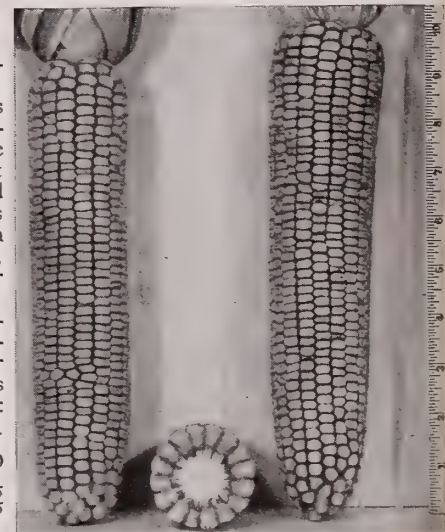
HYBRID  
FIELD CORN

We offer State Certified Hybrids—

For many years breeders at the University of Wisconsin have been constantly at work developing and improving hybrids adapted to Northern Illinois, Wisconsin, Michigan and other border states.

Through arrangements with the University we are able to offer these proven hybrids at the following prices:

Grade	½ Bu.	Bu.
Flat Kernels (Edge Drop).....	\$3.50	\$6.50
Med. Rounds (Hill Drop).....	3.00	5.75
Large Rounds.....	2.50	4.75
Small Flats or Rounds.....	1.50	3.00



## CUCUMBERS

	Oz.	¼ lb.	Lb.
"A and C".....	\$0.20	\$0.65	\$2.00
Colorado.....	.20	.50	1.50
Evergreen, or Extra Long White Spine....	.20	.45	1.25
Davis Blend.....	.20	.35	1.00
Davis Perfect.....	.20	.45	1.25
Vaughan's Improved Arlington.....	.20	.45	1.25
Improved White Spine.....	.20	.40	1.15
Improved Long Green.....	.20	.50	1.50
Earliest of All White Spine.....	.20	.40	1.15
Early Cluster.....	.20	.35	1.00
Japanese Climbing.....	.20	.45	1.35
Westerfield's Chicago Pickle. One of our specialties.....	.20	.35	1.00
Early Russian.....	.20	.45	1.25
Snow's Fancy Pickling.....	.20	.35	1.00
Lemon (True cucumber).....	.25	.60	1.70
Improved Jersey Pickling. A popular pickle..	.20	.35	1.00
National.....	.20	.35	1.00
Boston Pickling.....	.20	.35	1.00
Early Frame.....	.20	.40	1.15
West India Gherkin.....	.25	.60	1.75
Early Fortune.....	.20	.45	1.25



**CUCUMBERS—Continued**

	Oz.	¼ lb.	Lb.
The Vaughan. Finest of all for forcing or out-doors.....	\$0.25	\$0.65	\$2.00
Chicago Special.....	.20	.45	1.25
Quick Grow.....	.20	.35	1.00
Deltus.....	.20	.50	1.50
Thorborn Everbearing.....	.20	.35	1.00
Mandarin.....	.25	.60	1.75
Black Diamond.....	.20	.50	1.50
Straight Eight.....	.20	.50	1.50

**DANDELION**

Thick Leaved or Cabbaging. Pkg., 15c....	.50	1.50	5.00
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**DILL**

Oz., 15c; ¼ lb., 35c; lb., \$1.00.

**EGG PLANT**

Black Beauty.....	.50	1.50	5.00
Vaughan's Improved N. Y. Purple.....	.45	1.35	4.50
Florida High Bush.....	.45	1.35	4.50
New Hampshire Hybrid.....	.50	1.50	5.00

**ENDIVE**

Green Curled Pancalier, Rose Ribbed.....	.15	.45	1.25
Green Curled Summer.....	.15	.45	1.25
Green Curled Winter.....	.15	.45	1.25
Moss, Very Fine Curled.....	.15	.45	1.25
Broad-leaved White or Escarolle.....	.10	.35	1.00
Ever White Curled.....	.15	.45	1.25
Full Hearted Batavian.....	.15	.45	1.25
Fringed Deep Heart.....	.20	.50	1.50

**GARLIC**

Selected Bavarian, lb., 25c. Write for prices on larger lots.

**HERBS**

Anise.....	.50	1.50	.....
Balm.....	.....	.....	.....
Borage.....	.45	1.25	.....
Chamomile.....	1.00	.....	.....
Coriander.....	.45	1.25	.....
Caraway.....	.45	1.25	.....
Catnip.....	.50	1.50	.....
Fennel, Florence.....	.35	.85	.....
Fennel, Sweet.....	.35	.85	.....
Fennel, Wild.....	.20	.50	.....
Horehound.....	.45	1.25	.....
Lavender Spica.....	.50	1.50	.....
Lavender (True).....	1.35	4.00	.....
Mint (For Juleps).....	2.50	.....	.....
Pennyroyal.....	1.00	3.00	.....
Peppermint.....	2.25	.....	.....
Rosemary.....	.90	2.75	.....
Rue.....	1.25	.....	.....
Saffron.....	.45	1.25	.....
Sage.....	.75	2.25	.....
Savory, Summer.....	.50	1.50	.....
Sweet Basil.....	.50	1.50	.....
Sweet Marjoram.....	.50	1.50	.....
Tarragon.....	1.50	5.00	.....
Thyme.....	.....	.....	.....
Wormwood.....	.65	2.00	.....

**KALE OR BORECOLE**

Dwarf Green Curled.....	.20	.50	1.50
Tall Green Scotch.....	.20	.50	1.50
Siberian.....	.20	.50	1.50
Vaughan's Excelsior Moss Curled, Best of all.....	.20	.50	1.50
Dwarf Scotch Curled.....	.20	.50	1.50

**KOHLRABI**

Short-leaved Early Erfurt.....	.45	1.35	4.00
Early White Vienna.....	.45	1.25	3.50
Early Purple Vienna.....	.45	1.25	3.50
Forcing White Vienna.....	.45	1.45	4.00

**LEEK**

Broad Scotch or London Flag.....	.50	1.50	5.00
Large Musselburg.....	.50	1.50	5.00
Large Carentan.....	.50	1.50	5.00
Elephant.....	.50	1.50	5.00

**LETTUCE**
**Leaf Varieties**

	Oz.	¼ lb.	Lb.
Black-Seeded Simpson, Vaughan's Selected Stock.....	\$0.15	\$0.45	\$1.25
Grand Rapids Forcing, Vaughan's Extra Selected Stock.....	.20	.60	1.75
Grand Rapids (Resistant).....	.25	.65	2.00
Early Curled Simpson.....	.15	.40	1.15

**Cabbage and Head Varieties**

May King. Very early.....	.15	.40	1.25
Big Boston, Vaughan's Selected Stock.....	.20	.50	1.50
California Cream Butter.....	.15	.45	1.25
Iceberg.....	.20	.50	1.50
Imp. Hanson. Very large firm heads.....	.15	.45	1.25
New York No. 12.....	.20	.50	1.50
New York No. 515 (Heat resisting).....	.20	.50	1.50
New York (Imperial 847).....	.25	.65	2.00
New York (Imperial 44).....	.30	.90	3.00
Prizehead.....	.15	.40	1.25
Unrivalled.....	.15	.45	1.25
Wayahead.....	.20	.50	1.50
Paris White Cos.....	.15	.45	1.25
Express Cos.....	.15	.45	1.25
Trianon Cos.....	.15	.45	1.25

**MUSKMELON**

Milwaukee Market Hand Cut, Select Melons.....	.25	.65	2.00
Vaughan's Improved Milwaukee.....	.15	.45	1.25
Extra Early Osage (Vaughan's Selected).....	.15	.45	1.25
Osage Select.....	.15	.45	1.25
Hearts of Gold or Improved Hoodoo.....	.15	.45	1.25
Paul Rose.....	.15	.45	1.25
Rocky Ford.....	.15	.35	1.00
Emerald Gem. One of the sweetest.....	.15	.35	1.00
Tip Top. A very fine market melon.....	.15	.45	1.25
Osage Gem.....	.15	.35	1.00
Extra Early Hackensack. Best strain.....	.15	.35	1.00
Banana.....	.15	.45	1.25
Honey Dew.....	.20	.50	1.50
Mango Melon or Vegetable Orange (Vine Peach).....	.20	.60	1.75
Pollock-10-25.....	.15	.45	1.25
Bender's Surprise.....	.15	.35	1.00
Sweet Air (Early Knight).....	.15	.45	1.25
Honey Rock.....	.15	.35	1.00
Hale's Best.....	.15	.45	1.25
Wisconsin Pride.....	.20	.50	1.50
Golden Osage.....	.20	.60	1.60
Golden Marvel.....	.15	.45	1.25

**MARTYNIA**

—For Pickles.....	.50	1.50	5.00
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The young seed pods make fancy pickles.

**WATERMELON**

Citron.....	.15	.30	.85
Florida Favorite.....	.10	.25	.75
Early Fordhook.....	.10	.25	.75
Halbert Honey.....	.10	.25	.60
Rattlesnake.....	.15	.30	.85
Harris Earliest.....	.15	.30	.85
Kleckley's Sweet.....	.10	.25	.65
Sweetheart.....	.10	.25	.65
Klondyke, Striped.....	.15	.45	1.25
Winter.....	.15	.35	1.00
Tom Watson.....	.10	.30	.85
Cole's Early.....	.10	.25	.65
Irish Gray.....	.15	.30	.85
Ovid.....	.20	.45	1.25
New Wonder.....	.10	.25	.75
Stone Mountain.....	.10	.25	.75
Pride of Muscatine (Resistant).....	.15	.35	1.00
Dixie Queen.....	.15	.35	1.00
Cuban Queen.....	.10	.35	1.00
Stone Mountain (Resistant).....	.15	.35	1.00
Red Russian.....	.15	.35	1.00



**MUSTARD**

	Oz.	¼ lb.	Lb.	10 lbs. per lb.
White London.....	\$0.15	\$0.35	\$1.00	\$0.90
Giant Southern Curled.....	.15	.35	1.00	.90
Chinese Smooth Leaved.....	.15	.35	1.00	.90
Fordhook Fancy.....	.15	.35	1.00	.90
Florida Broad Leaved.....	.15	.35	1.00	.90
Tendergreen.....	.10	.20	.50	.45

**MUSHROOM SPAWN**

Lambert's New Spore Culture Spawn. Made by an entirely new process. More vigorous and more productive than tissue spawn. Produces mushrooms of greater uniformity and truer to type.

## 9. White (Alaska) Mammoth Strain.

(Bricks weigh approximately 1 lb.)

	1 Brick	5 Bricks	10 Bricks	100 Bricks
35c	\$1.50	\$2.50		\$18.00

Sterilized Bottle Spawn, in cartons. One carton will spawn 40 square feet. 75c per carton. \$7.50 per doz.

Write for circular.

**OKRA**

Dwarf Long Pod, White Velvet, Tall or Perkins' Mammoth.

	Oz.	¼ lb.	Lb.
Prices of all of the above.....	\$0.10	\$0.20	\$0.50

**ONION**

	¼ lb.	Lb.	5 lbs. per lb.
Large Red Wethersfield.....	\$0.70	\$2.10	\$2.00
Southport Red Globe.....	1.35	4.10	3.90
Southport Yellow Globe, Eastern-grown.....	1.90	5.75	5.65
Ideal Southport White Globe.....	2.35	7.00	6.90
Ailsa Craig.....			
Australian Brown Flat.....	.65	2.10	2.00
Riverside.....	1.60	5.75	5.65
Mammoth Silver King.....	1.25	3.50	
Ohio Yellow Globe.....	1.90	5.75	5.65
Bermuda Yellow.....	1.25	3.50	3.40
Bermuda Crystal White Wax.....	1.25	3.50	3.40
Prizetaker.....	1.60	5.75	5.65
White Barletta.....			
White Pearl.....	1.25	3.50	3.40
White Portugal.....	1.25	3.50	3.40
Early White Welsh.....			
Yellow Globe Danvers.....	1.90	5.75	5.65
Golden Globe.....	1.25	3.75	3.65
Riverside White Spanish.....	2.35	7.00	6.90
Vaughan's Special Yellow Globe (Early Mountain Danvers).....	1.50	4.50	4.40
Japanese or Ebenezer.....	.85	2.50	2.40
White Bunch (Lisbon).....	.65	2.00	
He-Shi-Ko (Bunching).....	.50	4.60	4.50
Yellow Globe Brigham.....	1.90	5.75	5.65
Valencia (Sweet Spanish).....	2.35	7.00	6.90

**PARSLEY**

	Oz.	¼ lb.	Lb.
Vaughan's Champion Moss Curled.....	\$0.15	\$0.35	\$1.00
Double Curled.....	.15	.35	1.00
Plain.....	.10	.35	1.00
Hamburg (Standard) (Rooted).....	.15	.45	1.25
Vaughan's XXX.....	.15	.45	1.25

**PARSNIP**

	.15	.35	1.00
Long Smooth, Hollow Crown.....	.15	.35	1.00
Improved Guernsey.....	.20	.50	1.50
Magnum Bonum.....	.20	.45	1.25
Ideal (All-America).....	.20	.50	1.50
White Queen.....			

**PEAS**

	1 to 5 lbs. per lb.	10 lbs.	100 lbs.
Alaska (Resistant).....	\$0.25	\$1.45	\$12.50
Alderman.....	.25	1.60	14.00
American Wonder.....	.25	1.70	15.00
Ameer.....	.25	1.70	15.00
Black-Eyed Marrowfat.....	.25	1.60	14.00
Dwarf Defiance.....	.25	1.70	15.00
Dwarf Gray Sugar.....	.25	1.80	16.00
Dwarf Telephone or Daisy (extra choice).....	.25	1.70	15.00
Early Gilbo (Resistant).....	.25	2.00	18.00
Extra Early Prem. Gem or Little Gem.....	.25	1.60	14.00
Everbearing.....	.25	1.70	15.00
First and Best.....	.25	1.60	14.00
Improved Gradus or World's Record.....	.25	1.70	15.00

**PEAS—Continued**

	1 to 5 lbs. per lb.	10 lbs.	100 lbs.
Laxtonian.....	\$0.25	\$1.80	\$16.00
Laxton's Progress.....	.25	2.00	18.00
Little Marvel.....	.25	2.00	18.00
Mammoth Podded Sugar.....	.25	2.00	18.00
Nott's Excelsior. One of the best earlies.....	.25	1.60	14.00
Improved Stratagem.....	.25	1.70	15.00
Sutton's Excelsior.....	.25	1.70	15.00
Telephone. Vaughan's Improved.....	.25	1.60	14.00
Thomas Laxton.....	.25	1.60	14.00
White Marrowfat. Large.....	.25	1.60	14.00
Century of Progress.....	.25	1.80	16.00
Giant Stride (Wilt-resistant).....	.25	2.00	18.00

**PEPPER**

	¼ oz.	Oz.	¼ lb.
Vaughan's Magnum Dulce. Largest.....	\$0.35	\$0.65	\$2.00
Vaughan's Sweet Mountain.....	.25	.45	1.25
Bullnose (Hot).....	.25	.45	1.25
King of the North.....	.30	.50	1.50
Large Bell (Sweet).....	.25	.45	1.25
Cayenne, Long red.....	.25	.45	1.25
Chinese Giant.....	.35	.60	1.75
Crimson Giant.....	.30	.50	1.50
Red Chili.....	.30	.50	1.50
Ruby King.....	.20	.35	1.00
Perfection Pimiento.....	.20	.30	.90
Short Sharp Finger.....	.35	.65	2.00
Sunnybrook, Tomato Shaped.....	.20	.35	1.00
Tabasco.....	.30	.50	1.50
Hungarian Hot.....	.35	.65	2.00
Hungarian Sweet.....	.35	.65	2.00
Harris Giant.....	.30	.50	1.50
Worldbeater.....	.25	.40	1.25
California Wonder.....	.35	.65	2.00
Early California Wonder.....	.40	.75	2.50
Oshkosh.....	.40	.75	2.50
Windsor "A".....	.30	.50	1.50

**PUMPKIN**

	Oz.	¼ lb.	Lb.
Winter Queen or Winter Luxury.....	\$0.15	\$0.35	\$1.00
Vaughan's Mammoth Prize.....	.15	.40	1.25
Japanese Pie.....	.15	.35	1.00
Kentucky Field.....	.15	.30	.65
Large Cheese.....	.15	.25	.60
Large Connecticut Field or Big Tom.....	.15	.25	.60
Large Tours or Mammoth French.....	.15	.40	1.25
Sweet Potato.....	.15	.35	.90
Cushaw, White.....	.15	.30	.80
Cushaw, Striped.....	.15	.30	.80
Cushaw, Golden.....	.15	.30	.80
Vaughan's Small Sugar Pie.....	.15	.25	.60

**RADISH**

	¼ lb.	Lb.	100 lbs. per lb.
Cincinnati Market. Long scarlet.....	\$0.30	\$0.85	\$0.75
Crimson Giant Forcing.....	.35	.85	.75
Earliest White Olive.....	.35	1.00	.90
Earliest White Turnip (White box).....	.35	.85	.75
Improved Early Scarlet Globe, Vaughan's Select Forcing (Short top).....	.35	.90	.80
Early Scarlet Globe (Medium top).....	.25	.70	.60
Early Deep Scarlet Turnip.....	.35	.90	.80
Early Scarlet Globe, White tip.....	.25	.70	.60
Saxa. Earliest round red.....	.35	.90	.80
Early Long Scarlet Short Top.....	.30	.85	.75
White Stuttgart.....	.35	.90	.80
Improved French Breakfast.....	.30	.85	.75
Vaughan's Giant Butter Radish.....	.35	.90	.80
Half Long Deep Scarlet.....	.35	.90	.80
Brightest Long Scarlet (Cardinal).....	.30	.85	.75
White Strassburg.....	.35	.90	.80
Long White Vienna.....	.25	.75	.65
Vaughan's 20-Day Forcing. Early Olive-shape.....	.35	.90	.80
Scarlet Turnip, White Tip (Sparkler).....	.25	.70	.60
Scarlet Turnip, White Tip (American).....	.25	.70	.60
White Icicle. The earliest long white.....	.25	.70	.60

**Winter Varieties**

	.35	.90	...
Chinese Mammoth or Celestial.....	.35	.90	...
California Mammoth White.....	.35	.90	...
Long Black Spanish.....	.35	.90	...
Rose or Scarlet China Winter.....	.35	.90	...
Round Black Spanish.....	.35	1.00	...
The Munich.....	.35	1.00	...



**RHUBARB**

	Oz.	¼ lb.	Lb.
Flare.....	\$0.50	\$1.50	\$5.00
Vaughan's Mammoth.....	.20	.60	1.80
Victoria.....	.20	.60	1.80

**ROOTS**

	10	100	1000
Victoria, 1 year ¾ to 1 in. caliper.....	\$0.50	\$2.50	\$20.00
2 year 1 to 1½ in. caliper.....	.75	3.00	27.00
3 year 1½ to 2 in. caliper.....	1.00	6.00	40.00
McDonald (New Crimson), divisions.....	2.00	15.00	.....

**HORSERADISH**

Per 100, \$1.50; per 1,000, \$11.00; 5,000, per 1,000, \$10.00.

**SALSIFY**

	Oz.	¼ lb.	Lb.
Mammoth Sandwich Island.....	\$0.25	\$0.75	\$2.00

**SORREL**

French.....	.30	.85	2.50
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**SPINACH**

	Lb.	10 lbs. per lb.	100 lbs. per lb.
Bloodsdaie Dark Green.....	\$1.00	\$0.85	\$0.75
New Long Standing Bloodsdaie.....	1.00	.85	.75
Bloodsdaie or Norfolk. Savoy-leaved.....	1.00	.85	.75
Prickly Seeded.....	1.00	.85	.75
Princess Juliana. Long standing.....	1.00	.85	.75
Old Dominion.....	1.00	.85	.75
Virginia, Blight-Resistant.....	1.00	.85	.75
Tetragonia or New Zealand.....	Oz., 20c.	1.25	.....
Antvorskov (King of Denmark).....	1.00	.85	.75
Vaughan's Special.....	1.00	.85	.75
Gaudry L. S. or Nobel.....	1.00	.85	.75
Viking.....	1.00	.85	.75
Summer Savoy.....	1.00	.85	.75
Winter Giant.....	1.00	.85	.75

**SWISS CHARD**

	Oz.	¼ lb.	Lb.
Cut and Come Again.....	\$0.10	\$0.35	\$1.00
Lucullus.....	.10	.35	1.00
Dark Smooth. Broad white rib.....	.10	.35	1.00
Giant Fordhook.....	.10	.35	1.00

**SQUASH**

Banana.....	.15	.45	1.25
Benning's.....	.15	.35	1.00
Blue Hubbard.....	.15	.45	1.25
Boston Marrow.....	.10	.25	.75
Buttercup.....	.20	.50	1.50
Chicago Warted Hubbard.....	.15	.45	1.25
Cocozelle.....	.15	.45	1.25
Delicious.....	.20	.50	1.50
Table Queen, "Des Moines," Acorn.....	.15	.45	1.25
Early White Bush.....	.15	.35	1.00
Vaughan's Giant Summer Crookneck, Yellow.....	.15	.35	1.00
Golden Hubbard.....	.15	.45	1.25
Original Hubbard. Extra select.....	.15	.45	1.25
Prolific Straightneck.....	.15	.35	1.00
Kitchenette Small Hubbard.....	.15	.45	1.25
Mammoth White Bush. Extra select.....	.15	.35	1.00
Mammoth Yellow Bush.....	.15	.35	1.00
Mammoth Chili.....	.15	.45	1.25
Sweet Potato.....	.20	.50	1.50
Vegetable Marrow.....	.15	.45	1.25
Yellow Straightneck. (Giant).....	.15	.35	1.00
Yellow Summer Crookneck.....	.15	.35	1.00
Zucca de Pergola. Italian sort.....	.25	.65	2.00
Italian Marrow Zucchini. Black.....	.15	.45	1.25
Italian Marrow Zucchini. Grey.....	.15	.45	1.25

**TOMATO**

Avon Early. A first early red.....	.30	.90	3.00
Beauty. Midseason pink.....	.45	1.25	4.00
Bison.....	.50	1.50	5.00
Bonny Best. Second red, called by market gardeners "yellow".....	.30	.90	3.00
Chalk's Early Jewel. An early red.....	.30	.90	3.00
Cooper's Special. Midseason pink.....	.45	1.25	4.00
Crimson Cushion or Beefsteak. Medium late, red, very large.....	.50	1.50	4.75
Dwarf Champion. Medium late pink.....	.50	1.50	5.00
Dwarf Stone. Midseason red.....	.50	1.50	5.00

**TOMATO—Continued**

	Oz.	¼ lb.	Lb.
Earliana. Earliest red.....	\$0.45	\$1.25	\$4.00
Early Detroit. Early, pink.....	.45	1.25	4.00
Early Prolific.....	.45	1.25	4.00
Golden Ponderosa. Late yellow.....	.60	1.75	6.00
Golden Queen. Midseason yellow.....	.45	1.25	4.25
Greater Baltimore. Medium early red.....	.30	.85	2.75
Greater Baltimore, (Indiana strain) certified..	.35	1.00	3.75
Ground Cherry.....	.50	1.50	.....
Gulf State. Midseason pink.....	.45	1.25	4.00
John Baer. A first early red.....	.30	.90	3.00
June Pink. Second-early pink.....	.45	1.25	4.00
Keystone (Penn State).....	.45	1.25	4.00
Livingston's Globe. Midseason pink.....	.45	1.25	4.00
Matchless. Midseason red.....	.45	1.25	4.00
Nystate.....	.50	1.50	5.00
Oxheart. Pink.....	.65	2.00	7.50
Ponderosa. One of largest midseason pink. ..	.50	1.50	5.00
Red Cap.....	.45	1.25	4.00
Red Cherry.....	.50	1.50	.....
Red Currant.....	.50	1.50	.....
Red Pear.....	.50	1.50	.....
Red Peach.....	.50	1.50	.....
Red Plum.....	.50	1.50	.....
Rutgers. Red.....	.45	1.25	4.00
Rutgers, Certified.....	.50	1.50	5.00
Stokesdale.....	.50	1.50	5.00
Yellow Pear.....	.50	1.50	.....
Yellow Peach.....	.50	1.50	.....
Yellow Plum.....	.50	1.50	.....
Stone, Improved. Medium early red.....	.30	.90	3.00
Trucker's Favorite. Pink.....	.45	1.25	4.00

**Resistant Varieties**

Break O'Day. Red.....	.40	1.00	3.50
Early Baltimore. Red.....	.45	1.25	4.00
Early Baltimore, Certified.....	.50	1.50	5.00
Illinois Baltimore.....	.45	1.25	4.00
Illinois Pride. Red.....	.45	1.25	4.00
Marglobe. Red.....	.40	1.00	3.50
Marglobe, Certified.....	.45	1.25	4.25
Marhio. Pink.....	.50	1.50	4.75
Norton. Red.....	.30	.90	3.00
Prairiana. Red.....	.45	1.25	4.00
Pritchard. Red.....	.45	1.25	4.00
Pritchard, Certified.....	.50	1.50	5.00

**Forcing Sorts**

	Pkt.	Oz.	Lb.
Best of All. Red.....	\$0.25	\$0.75	.....
Bonny Best. Red.....	.25	.75	.....
Livingston's Globe. Pink.....	.25	3.00	.....
Grand Rapids. Red.....	.25	2.50	.....
*Marhio. Pink.....	.25	2.50	.....
*Marglobe. Red.....	.25	2.50	.....
*Michigan State. Red.....	.25	2.50	.....
*Lloyd. Red.....	.25	2.50	.....
*Blair. Pink.....	.25	2.50	.....
*Sureset. Pink.....	.25	2.50	.....
*Long Calyx. Red.....	.25	2.50	.....
*Globelle. Pink.....	.50	3.50	.....
*Resistant.....			

**TURNIP**

	Oz.	¼ lb.	Lb.
Early White Milan. Earliest of all.....	\$0.15	\$0.35	\$1.00
Early Extra Purple Top Milan.....	.15	.35	1.00
Purple Top Strap Leaf.....	.10	.25	.60
White Egg.....	.10	.25	.60
Purple Top White Globe.....	.10	.25	.60
Large Yellow or Amber Globe.....	.10	.25	.60
Golden Ball or Orange Jelly.....	.10	.25	.60
Cowhorn or Long White.....	.10	.25	.60
Early Snowball.....	.10	.25	.60
Seven Top.....	.10	.25	.60
Shogoin or Foliage Turnip.....	.15	.35	.90

**RUTABAGA OR SWEDE**

Vaughan's American Purple Top Improved.....	.10	.30	.75
Bangholm Danish.....	.15	.35	.90
White Swede.....	.15	.35	.90
Canadian.....	.15	.35	.90
Neckless.....	.15	.35	.90



# Insecticides and Fungicides

Add Postage According to Weight and Zone (See Order Blank).



In addition to the materials listed below we can supply any preparation on the market at the right price for your own use, or for resale. If you do not find the brand you wish listed, ask us for a price on the quantity desired. Attractive profits are earned by selling small-package insecticides at retail, for which sales most flower buyers are good prospects.

**PARIS GREEN.** Oldest and best brand. For chewing insects on potatoes and certain other hardy plants. Kills quickest.  $\frac{1}{4}$ -lb. carton, 20c; doz., \$1.80; 1 lb., 40c; 5 lbs., \$1.75; 14 lbs., \$4.60.

**ANSUL FORMALDEHYDE DUST.** Control "damping off" of flower and vegetable seedlings. Price, 1 lb., 75c; 5 lbs., \$2.00; 25 lbs., \$5.50; 50 lbs., \$9.00.

**ANT EXTERMINATOR.** Non-poisonous powder which, if scattered about their haunts or runs, will kill or drive away ants from lawns, etc. (We do not send this outside of Illinois and New York.) Per box, 40c; smaller size, 25c; by mail, 5c extra.

**ANTROL ANT POWDER.** Kills ants, roaches, silverfish and other pests. Packed in handy shaker twist-top can. Ea., 15c; case of 24, \$2.40.

**ANTROL ANT TRAPS.** Kill both sweet and grease-eating ants. Packed 12 in a display carton, retail at 10c each; carton of 12 traps, 80c.

**APHINE.**  $\frac{1}{2}$  pt., 40c; pt., 75c; 1 qt., \$1.10; 1 gal., \$3.00.

**ARSENATE OF LEAD.** The standard spray or dust for quick, dependable control of practically all leaf-eating (not sucking) insects. 1-lb. carton, 30c; doz., \$2.82; case of 24, \$5.40; 4-lb. bag, 75c; 48 lbs., \$7.20; 100 lbs., \$13.50.

**BLACK ARROW DUST.** A non-poisonous pyrethrum dust, effective against many insects. Price, 1 lb., 80c; doz., \$6.40; 5 lbs., \$2.25; 10 lbs., \$4.00; 25 lbs., \$8.95; 50 lbs., \$16.75; 100 lbs., \$32.00.

**BORDEAUX MIXTURE.** (Dry.) The best fungicide for curing and preventing black rot, mildew, blight, leaf curl, scab or other fungoid diseases on fruits and plants. One pound will make 5 gallons liquid. Lb., 30c; doz., \$2.60; 4 lbs., 70c; case of 24 lbs., \$3.50.

**CALCIUM ARSENATE.** (Dry.) Lb., 30c; 4 lbs., 70c.

**CARBON DISULPHIDE.** For ants and cut worms. 1 lb., 50c;  $\frac{1}{4}$  lb., 25c; doz., \$2.00.

**CHLOROPICRIN.** For soil sterilization. Write us for leaflet and price list.

**CHLOROPICRIN APPLICATOR.** Each, \$15.00.

**COPPER SULPHATE.** Crystals. 10 lbs., \$1.50; 25 lbs., \$3.50; 100 lbs., \$12.00.

**CORROSIVE SUBLIMATE.** Calomel, Calogreen, Calochlor, and other mercurials. Due to fluctuating market, write for prices.

**CUPROCID RED COPPER OXIDE.** Use for dusting seeds to insure germination and prevent seed decay and damping off. 1 lb., 90c; 5 lbs., \$3.75; 20 lbs., \$8.50.

**YELLOW CUPROCID.** A superior fungicide spray. High copper content 83%.  $1\frac{1}{2}$  lbs. makes 100 gals. of spray solution. Neutral, contains no lime. Controls mildew, black spot, fungus, and other diseases; safe to use. 3 lb. pkg., \$1.35; case of 48 lbs., \$13.88; 100 lbs., \$39.50.

**CYANO GAS "A" GRADE.** For moles, rats, gophers, and other ground rodents.  $\frac{1}{2}$  lb., doz., \$3.60; 1 lb., doz., \$6.00; 5 lbs., each, \$3.00; 25 lbs., \$10.00; 100 lbs., \$25.00; 4-oz. tins for ants, doz., \$2.40.

**CYANO GAS CALCIUM CYANIDE "G."** Greenhouse fumigant. Aphids, white fly, thrips, soft scale, and mealy bug and control for crop-destroying rodents. 5 lbs., \$3.00; 25 lbs., \$10.00; 100 lbs., \$25.00. Write for leaflet; freight prepaid on 100-lb. lots.

**DENDROL.** Dormant tree and shrubbery spray. Price, per gal., \$1.25; 5 gals., \$3.45; 15 gals., \$8.80; 55 gals., \$33.00.

**DERRISOL.** Is an odorless, non-poisonous liquid, which will control sucking insects like aphids, thrips, leaf hoppers and red spiders, also controls currant worms and other leaf-eating larvae. Oz., 35c; doz., \$2.70; 8 oz., \$1.20; 2 lbs., \$3.00; 10 lbs., \$12.00.

**DOGZOFF.** Keep dogs and other animals away from trees, shrubs, evergreens, etc. Bottle, 60c; doz., \$4.80; gross, \$46.08.

**D. N. SULPHUR DUST No. 10.** A new and very effective control for Red Spider, Thrips, and Rust diseases on carnations. 10 lb. bag, \$3.50; case of 5 bags, 50 lbs., for \$12.50.

**DRY LIME SULPHUR.** For dormant spray use 12 to 15 lbs. to each 50 gals. of water. For summer spray, 3 to 4 lbs. to each 50 gals. of water. Lb., 35c; doz., \$3.00; 5 lbs., \$1.50; 25 lbs., \$4.50; 100 lbs., \$11.50.

**ETHYLENE DICHLORIDE.** Write for prices.

**FISH-OIL SOAP.** Standard wash for trees and plants where insects and eggs affect the bark. Lb., 30c; doz., \$2.50; 5 lbs., 95c; 10, \$1.85.

**FLOWERS OF SULPHUR.** Dusting grade. Lb., 15c; 10 lbs., \$1.00; 50 lbs., \$2.45; 100 lbs., \$3.85.

**FUME TOBAC.** 25-lb. drum, \$5.00; 50-lb. drum, \$8.00; 100-lb. drum, \$15.00.

**FUNGINE.** New remedy for mildew, rust and other fungus diseases for greenhouse and outdoor use. Pt., 60c; qt., \$1.00; gal., \$3.00.

**GRAPE AND ROSE DUST.** Excellent for the prevention and destruction of mildew on plants. Lb., 35c; 5 lbs., \$1.25; 10 lbs., \$2.25; 25 lbs., \$4.50.

**HELLEBORE POWDERED, White.** Less poisonous than Paris Green and safer to use when fruit and vegetables are nearly ripe.  $\frac{1}{4}$  lb., 20c;  $\frac{1}{2}$  lb., 35c; 1 lb., 60c; 5 lbs., \$2.25; 10 lbs., \$4.00.

**HITOX.** Effective double active insecticide. Pt., \$1.75; qt., \$3.00; gal., \$9.00; 5 gals., \$40.00.

**LEMON OIL.** Destroys mealy bug, scale, red spider.  $\frac{1}{2}$  pt., 30c; pt., 50c; qt., 75c;  $\frac{1}{2}$  gal., \$1.50; gal., \$2.50; 5 gals., \$10.00.

**LETHANE-440.** A very effective insecticide for controlling red spider and mealy bug. Qt., \$2.00; gal., \$5.50; 5 gals., \$25.00; 15 gals., \$67.50.

**LETHANE SPREADER.** Gal., \$1.80; 5-gal. can, \$8.50.

**LIME SULPHUR.** (Solution.) The best remedy for San Jose scale. One gallon makes twelve. 1-qt. can, 50c; 1 gal., \$1.10; 5-gal. can, \$4.00. Write for prices in barrel lots.

**LORO.** A new contact insecticide for controlling aphids, thrips, red spiders, etc. Pt., \$2.00; gal., \$10.50; 5 gals., \$45.00.

**McCONNON 114Y SPRAY.** Qt., \$2.50; gal., \$8.50; 5 gals., \$37.50; 10 gals., \$70.00.

**METHYL BROMIDE.** An ideal fumigant for many purposes. For seeds, bulbs and many greenhouse plants. Per lb. can, 95c; 10 lb. cylinder, \$7.50. Write for price on larger cylinders.

**NAPHTHOLINE FLAKES.** 10 lbs., \$1.35; 25 lbs., \$3.25.

**NAPTOCID.** New plant and bulb fumigant; effective against thrips, wood-lice, sow bugs, wire worms, etc. 5 lbs., \$1.35; 10 lbs., \$2.25; 25 lbs., \$4.35; 100 lbs., \$13.75.

**"NICO-FUME."** A Tobacco Paper for Fumigating. Strips of paper strongly saturated with nicotine. Use 4 to 6 sheets for ordinary house 100 ft. long by 20 ft. wide. Price, 24s heets, \$1.25; 144 sheets, \$4.50; 288 sheets, \$8.00.

**NICO-FUME HOLDER.** For 1-lb. size pressure fumigator. "Adaptor" is included for the  $\frac{1}{2}$ -lb. size. Each, 85c.

**NICO-FUME LIQUID.** For fumigating or spraying; contains 40% nicotine. Lb., \$2.25; 4 lbs., \$5.75; 8 lbs., \$10.00.

**NICO-FUME POWDER FUMIGATOR.** Lights quickly, burns evenly and will not go out. No waste; every particle is consumed. It retains its strength indefinitely. 5-lb. tin, \$3.35; 10-lb. tin, \$5.85.

**NICO-FUME PRESSURE FUMIGATOR.** Put up in  $\frac{1}{2}$ -lb. and 1-lb. cans, powder is now burned under pressure, giving better control of insects. The cans have a sparkler for lighting the powder.  $\frac{1}{2}$ -lb. cans, 45c; six for \$2.40; doz., \$4.20; 1-lb. cans, 75c; six for \$3.75; doz., \$7.00. Orders for 36 1-lb. cans or 60  $\frac{1}{2}$ -lb. cans prepaid by freight in United States and many parts of Canada. Also on a combined shipment of both sizes in full case lots weighing a total of not less than 50 lbs.

**NICO-ROTE.** A combination of nicotine and rotenone. Kills by contact and fumes. Qt., \$4.00; gal., \$12.00.

**NICOTINE.** Fumigating powder. 10-lb. cans, \$5.85.

**NIKOTEEN.** 30% grade. For spraying and fumigating. Oz. bottle, 35c; doz., \$2.50;  $\frac{1}{2}$  pt., \$1.00; pt., \$1.75; 3 pts., \$5.00; original case, 10 pts., \$16.00. 40% grade, 4 lbs., \$5.75; 8 lbs., \$10.00.



INSECTICIDES AND FUNGICIDES—Continued.

**ROTOGREEN FORMULA 106**

1 pint.....	\$1.75	1 gallon.....	\$10.00
1 quart.....	3.00	5 gallons.....	45.00

Very effective for Thrip, Red Spider and Mealy Bug in addition to the more easily controlled pests. Does not burn and leaves no poisonous residue.

**NO MOLE.** The modern easy inexpensive way to destroy moles. They cannot resist the pleasing taste. They devour it and are quickly and surely destroyed. 14-oz. box, \$1.10; 28-oz. box, \$2.00; 9-lb. can, \$7.65.

**NU-GREEN.** A remedy for brown patch control in creeping bent lawns. 3-oz. tins each, 35c; doz., \$3.00; carton of 36 tins, \$8.40; 1-lb. tins, each, \$1.45; doz., \$11.50; 5-lb. tins, \$6.30; case of 6 tins, \$28.20. Write for price on larger containers.

**PENETROL.** An activator for nicotine spraying solutions. Qt., 75c; gal., \$1.75; 5 gals., \$6.75.

**PINE TAR.** For tree surgery. Qt., 60c; gal., \$1.25.

**PYROTE.** Double acting non-poisonous insect spray. 1-oz. bottles, 12 to a display carton, price, \$2.75; 5-oz. bottles, 12 to a display carton, price, \$8.00; gal., \$11.00.

**POMO GREEN.** Without nicotine. The new green fungicide for roses and other flowers and ornamentals; will control black spot, mildew and chewing insects. Lb., 50c; doz., \$4.00; 5 lbs., \$1.75; 25 lbs., \$8.00.

**POMO GREEN.** With nicotine. Lb., 75c; doz., \$6.00; 5 lbs., \$3.00.

**PYRETHRUM POWDER.** Lb., 75c; 5 lbs., \$3.50; 10 lbs., \$6.00; 25 lbs., \$13.50. Write for price on larger quantities.

**RED-O-LEN.** Bench powder. 10 lbs., \$3.00; 25 lbs., \$6.00; 100 lbs., \$21.00.

**RESPIRATORS.** For mild fumigating and dusting. Each, \$1.75; 3 for \$4.95.

**SULPHUR FOR SPRAYING.** Magnetic spray. Wettable. Goes into suspension in water immediately like colloidal sulphur, at a lower cost. 4 lbs., 50c, 6 for \$2.75; 100 lbs., \$8.00.

**ACME KOPPER QUEEN.** A strong liquid copper spray for control of mildew, leaf spot and black spot on roses, flowers, and plants. Price, 8 oz., 35c; doz., \$2.40; qt., 75c; gal., \$2.00.

**SCALECIDE.** An oil preparation for San Jose scale. Use 1 gal. to 15 gals. water. Qt., 65c; gal., \$1.55; 5 gals., \$5.50; 10 gals., \$9.50. Write for price in barrel lots.

**SELOCIDE.** Kills red spiders. Price, gal., \$3.00; 5 gals., \$13.50; 10 gals., \$24.50; 30 gals., \$58.50; 50 gals., \$86.50.

**SEMESAN.** The universal seed disinfectant and plant stimulant. Important for control of damping off of seedlings, Gladioli, and disinfection of seed bed soil. Prices, 2 oz., 35c; doz., \$3.00; 1 lb., \$2.25; 5 lbs., \$9.90; 25 lbs., \$45.50; 100 lbs., \$180.00. Write for leaflets, writing for what purpose desired.

Write for leaflets on Semesan, Semesan Jr. and Semesan Bel.

**SNAROL With Metaldehyde.** An insecticide bait to combat snails, cut worms, sow bugs and grasshoppers. Price, 1½ lb., 35c; doz., \$2.80; 4 lbs., 85c; doz., \$6.80; 15 lbs., \$3.00; doz., \$24.00; 50 lbs., \$7.00.

**GRASSELLI S. S. 3 COMBINED SPREADER AND STICKER.** Designed especially for use with agricultural sprays. Price, pt., 75c; gal., \$4.75.

**SULPHATE OF IRON.** A remedy for weeds on lawns, kills dandelions without injuring grass. Apply liquid with a fine spray. Particulars on application. 5 lbs., 35c; doz., \$2.80; 10 lbs., 65c; 25 lbs., \$1.00; 100 lbs., \$2.90.

**SULROTE.** A combination dust sulphur and rotenone. 1-lb. canisters (24 per case), per doz., \$3.20.

**TARTAR EMETIC.** A spray for the control of Thrip, a life saver for gladiolus growers. Price, 1 lb., 70c; 5 lbs., \$3.00; 25 lbs., \$13.50; 100 lbs., \$50.00.

**THRIP JUICE No. 2.** Destructive for mealy bug, scale, thrip, codlin moth, canker worm, beetles, caterpillars, etc. Pt., 65c; qt., \$1.25; gal., \$4.80.

**TOBACCO DUST (Regular Grade).** 10 lbs., 60c; 25 lbs., \$1.00; 100 lbs., \$2.95.

**TOBACCO STEMS.** 100 lbs., \$2.25; 500 lbs., \$9.50; 1000 lbs., \$18.00.

**TRIO-GEN.** Fungicide, insecticide and plant stimulant. A, small kit, makes 16 qts., \$1.50. B, medium kit, makes 64 qts., \$4.00. C, large kit, makes 32 gallons, \$6.00. D, estate kit, makes 128 gallons, \$20.00.

**VERMINE.** For eel, cut worms and wire worms working in the soil. Can be applied to all vegetation. ½ pt., 40c; pt., 75c; qt., \$1.10; gal., \$3.00.

**VOLCK.** The Scientific Insecticide for nursery, greenhouse and garden. Controls scale, insects, mealy bug, white flies, red spiders, rust mites, aphids and thrips. Qt., 75c; gal., \$2.00; 5 gals., \$6.25; 14-gal. drum, \$14.00; 28-gal. drum, \$25.00; 54-gal. drum, \$45.00.

**WILSON'S O. K. PLANT SPRAY.** A powerful yet harmless and efficient insecticide for aphids, red spider, mildew, scale, etc. Price, qt., \$1.00; gal., \$3.00; 5 gals., \$12.00.

# Items You Can Sell

Following popular insecticides are priced in quantity for your use and also in small package assortments for re-sale.

Items below ordered in less than quantity quoted will be billed at a higher rate.

**ACME GARDEN GUARD.** 1% Rotenone put up in 1-lb. sifter carton. Doz., \$2.58; carton of 24 for \$5.00; retails at 35c pkg.

**ANT KILLER.** Master ½-oz. bottles, doz., 75c; 2 oz., doz., \$2.00; 4 oz., doz., \$4.00.

**ANTROL READY FILLED SETS.** Consisting of four patented glass feeders. Per doz. sets, \$3.20. Retails at 40c set. Packed in a strong display carton.

**ANTROL SETS** for exterminating ants in lawn, garden, and flower beds. Containing 4 jars and 4-oz. bottle antrol syrup. Per doz. sets, \$4.80. Retails at 60c set.

**ANTROL SYRUP REFILLS.** 2 oz. bottles, doz., 80c; 4 oz. bottles, doz., \$1.60; pints, doz., \$4.00; gals., six for \$11.00.

**APHIS SPRAY.** A combination of Black Leaf 40 and Fish Oil Soap. Per doz. 3-oz. tubes, \$2.70. Retails at 35c per tube.

**BLACK LEAF 40.** Oz. bottles, doz., \$2.67; carton of 24, \$5.30; 5-oz. bottles, doz., \$8.00; 1 lb., \$2.00 ea.; 2 lbs., \$3.00 ea.; 5 lbs., \$5.75 ea.; 10 lbs., \$9.75 ea.

**BUGGUN.** Rotenone dust in blower type package. Doz., \$2.80. Retails at 35c.

**DAWG-GONE.** Protects evergreens from dogs. Per doz. tubes, \$2.00.

**MULTICIDE or New Evergreen.** Killing power multiplied kills more insects, made especially for commercial growers, makes one spraying do the work of several. Qt., \$2.50; gal., \$9.50; 5-gals., \$42.50; 10 gals., \$82.00.

**EVERGREEN SPRAY.** A non-poisonous contact insecticide. Oz. bottle, 35c; per doz. \$2.70; per carton of 24 bottles, \$5.40; 6-oz. bottle, 85c; doz., \$8.00; gal., \$9.50.

**NICOTINE PYROX.** 17 6-oz. jars, doz., \$4.20; carton of 24, \$7.84; 5 lbs., \$1.50; case of 12, \$14.00; 25-lb. drum, \$5.65; 50-lb. drum, \$9.25.

**PYROTE.** A spray consisting of rotenone and pyrethrum. 1-oz. bottles, 12 in a display carton, \$2.75; 5-oz., doz., \$8.00; pints, doz., \$16.00.

**PYROX.** Combination insecticide and fungicide. 25 lbs., \$5.00; 100 lbs., \$12.50.

**RATKISSES.** Put up on easel card holding 12 25c pkgs., containing 12 rat-kisses each. Price, per card, \$2.00; six or more cards at \$1.80 per card.

**RED ARROW.** A combined Rotenone and Pyrethrum spray. Assortment for re-sale. Per carton of 24-oz. bottles and 2½-pint bottles. Price, \$5.40. Retails for \$10.40. ¼ pt., doz., \$8.00; pt., \$2.50; qt., \$3.60; gal., \$10.70; case of 6 1-gal. cans at \$10.35 gal.

**SPECIAL RED ARROW.** A new concentrated insecticide for controlling leaf rollers and leaf tyers especially. Gal., \$11.35; 5 gals., \$51.75.

**ROTECIDE.** Standard rotenone spray. Oz. bottles, doz., \$2.50. Per pint, \$1.75; qt., \$3.00; gal., \$8.00; 5 gals., \$35.00; 15 gals., \$95.00.

**ROTENONE DUST ¼%.** For control of Mexican bean beetle use this dust at rate of 15 or 25 lbs. per acre, depending on the density of the foliage for spraying. 1 lb. to 10 gals. of water. Price, 24 1-lb. bags, 17½c lb.; 6 5-lb. bags, 16c lb.; 25-lb. bags at 15c lb.; 50-lb. bags at 14½c lb.; 100-lb. bags, 13½c lb.; canister, 32c lb.

**SLUG SHOT, Hammond's.** An insecticide for destroying chewing insects. Doz. 1-lb. pkgs. for \$1.80; 5-lb. pkgs., 12 for \$7.20; 125-lb. keg, \$12.50; 250 lbs. in bulk, \$24.00.

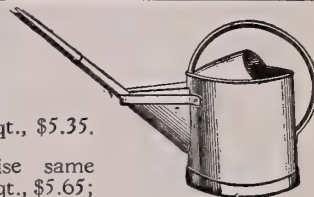
**TREE TANGLEFOOT.** 6 oz., case of 24 cans, \$5.60; 1-lb. cans, per doz., \$5.80; per case of 24, \$11.20; 5-lb. can, \$2.45; case of 6, \$13.20; 10 lbs., \$4.50 each; case of 4 cans, \$16.80; 25 lbs., \$9.50 each.

**WETTABLE DUSTING SULPHUR.** Put up in attractive 2-lb. cans, which retail at 25c each. Price per doz., \$2.00.

## WATERING POTS. American.

Heavy galvanized round can, 2 copper-faced roses, long spout. 4-qt., \$4.15; 6-qt., \$4.50; 8-qt., \$4.75; 10-qt., \$5.00; 12-qt., \$5.35.

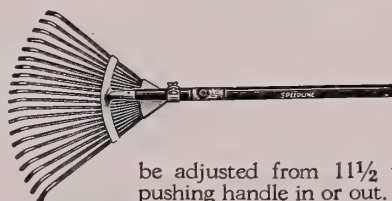
**French Style.** Oval, otherwise same make as above. 6-qt., \$5.35; 8-qt., \$5.65; 10-qt., \$5.95; 12-qt., \$6.25.



French Style

## SPEEDLINE LAWN

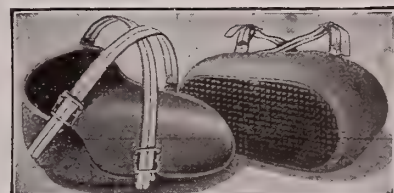
### BRUME



Improved adjustable spring steel flat finger broom rake. Fingers can be adjusted from 11½ to 20-in. spread merely by pushing handle in or out. Light, durable and attractively finished in blue enamel and bronze. Retail at \$1.10 each. Dealers' price, doz., \$8.50.

## KNEE PADS

All rubber cushion pads constructed of solid and sponge rubber with adjustable straps; fit any knee, will not slip down during walking. Price, \$1.25; 3 for \$3.50.



**The Gardenade.** Combines a kneeling pad and a convenient rack for your garden tools. The upright handles are designed to enable you to lower yourself and lift yourself with a minimum of effort. Can also be used in the home when it is necessary to kneel, cleaning floors, etc. Price, each, \$2.00; six for \$9.60.





# Sprayers and Dusters

## DOBBIN'S BIGHEAD SPRAYER

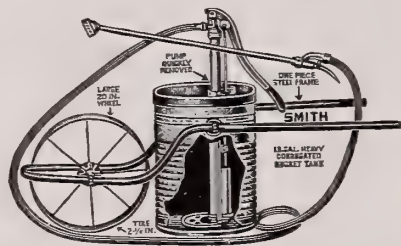
5½ diameter opening. Easy to fill, drain and clean. Positive quick sealing device. Equipped with patented self-lubricating pressure seal valve plunger. More air per stroke. Brass shut-off with trigger quick spray lock. Universal nozzle, sprays at any angle. Will handle all spray solutions. 4 gallon capacity.

No. 44G Galvanized tank.  
.....Each, \$6.00  
No. 44B Copper tank.....Each, 9.35



## SMITH'S LIGHTNING SPRAYER.

A durable low priced sprayer, has a funnel top, made of heavy steel or solid brass, tank as illustrated. 3½ gallon capacity. Price, Galvanized, \$3.95; Brass, \$7.25.



**WHEELBARROW SPRAYER.** Goes anywhere like a wheelbarrow through narrow openings. For spray solutions, disinfectants or white wash. With extra long handle and large air chamber, develops from 150 to 200 lbs. pressure with minimum of effort. Made of best materials, all working parts of brass or bronze. Cart is strong, all steel and cross braced. Tank holds 18 gallons. Fully equipped with hose, nozzle fittings, steel extension, etc. Price, \$17.95. Shipping weight, 65 lbs.

Same as above. With air pressure tank, tested under pressure of 275 lbs., fitted with pressure gauge reading to 200 lbs. Price, \$27.95; with Pneumatic tire, \$34.95.

**Greenhouse Wheelbarrow Sprayer.** Similar to above, but with smaller pump. Width adapts it for greenhouse and nursery use. Handles all insecticides and fungicides. Price complete, \$11.50.

**Paragon Wheelbarrow Sprayer.** Greenhouse and Nurserymen Sprayer. 12-gal. capacity on one or two wheel barrow type truck. Complete with hose, rod and nozzles. Price, \$19.50.

**Paragon Power Sprayer.** 50 gal. Complete with gas engine or electric motor hose nozzle and fittings. Price \$210.00. Write for leaflet on this sprayer.

## BLIZZARD COPPER CONTINUOUS SPRAYER.

Very durable, seamless brass pump, solid copper quart tank with adjustable nozzle for straight and underleaf spraying. Each, \$1.85; six-for \$8.40.



## SCOLLAY'S FAMOUS FLORISTS' SPRINKLER.

We Are General Western Agents.

None better for floral work. Beware of cheap imitations. Made of best quality of rubber and will outwear any other sprinkler on the market. Large size, plain top, No. 1, 6 in. high, each, \$1.25; 3 for \$3.45; doz., \$12.00.



**SYRINGES, BRASS.** No. "0". Length 12½ in.; diameter 15/16 in. Ea., \$2.50.



No. 11

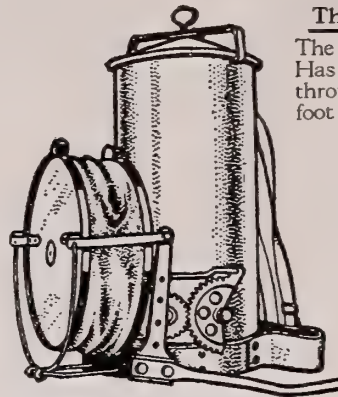
No. 11. Length 18 inches, 1st stream, 2sprays, \$6.25.

No. 5. Best for general greenhouse use. \$7.00.

## SPRAYERS AND DUSTERS—Continued.

### The American Beauty Duster.

The most powerful hand duster made. Has a large, powerful bellows that throws dust to the top of twenty-five foot trees. A man will average eight acres per day on trees. Dusts truck crops at an average walking speed, and dusts the under side of leaves. Has a spiral agitator that crushes and grinds the dust and feeds directly into the moving air blast; does not choke or clog. Has an efficient regulator for discharge control. It is considered the standard of efficiency by all authorities. Price, \$20.00. Write for leaflet on the American Beauty Dust Sprayer.



**Blue Beauty Duster.** A close second to the American Beauty. Each, \$18.00.

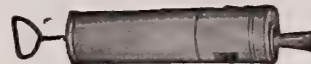
### CHALLENGE DUST GUN. For Dusting Lutzite, Devil Dust, etc. Adjustable to all conditions.

Made so the discharge nozzle may be swung from front to rear of operator and it can be raised or lowered for high or low plants. Operator can always work in upright comfortable position. Each, \$12.95.



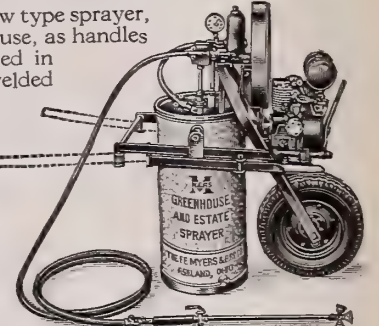
### FEENEY MODEL B DUSTER.

Each, 75c; doz., \$6.60.



## MYERS GREENHOUSE POWER SPRAYER

Power operated, wheelbarrow type sprayer, recommended for greenhouse use, as handles may be folded back, or reversed in narrow aisles. All steel welded frame, 12½-gal. galvanized tank, porcelain lined pump 225 lbs. pressure; ¼ H. P. motor or ½ H. P. gas engine. 15 ft. ¾" hose, shutoff and nozzle, 18 ft. pipe extension. Motor driven with 50 ft. of Cord and Plug, Steel wheel, Fig. 3061, \$78.00.



Motor driven with 50 ft. Cord and Plug, Rubber Tire \$88.00.

Engine Driven, Steel Wheel.....\$100.00  
Engine Driven, Rubber Tire. Fig. 3062.....110.00

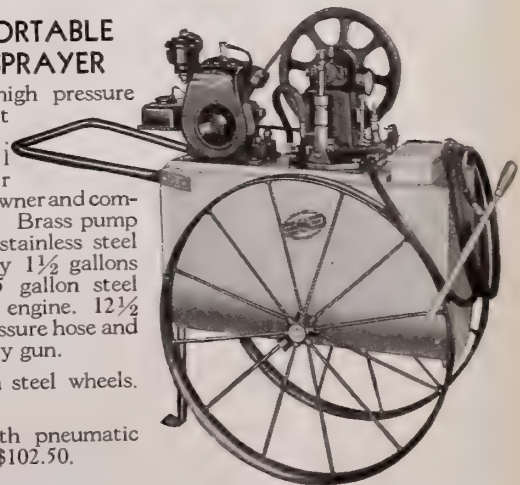
**The Kinney.** Used for spraying liquid manures. Worked by Water pressure. Nickered iron. Construction simple. Ea., \$2.95.

## UTILITY PORTABLE POWER SPRAYER

A portable high pressure light weight spray outfit. Handles all spray jobs for the individual owner and commercial grower. Brass pump with hardened stainless steel valve. Capacity 1½ gallons per minute, 25 gallon steel tank, ¾ H. P. engine. 12½ feet of high pressure hose and adjustable spray gun.

No. 3240 with steel wheels. Each \$97.50.

No. 3240R with pneumatic tires. Each \$102.50.



Write for leaflet and price list on Hardie Greenhouse Special Power Sprayer.



# Florists' Wire Designs

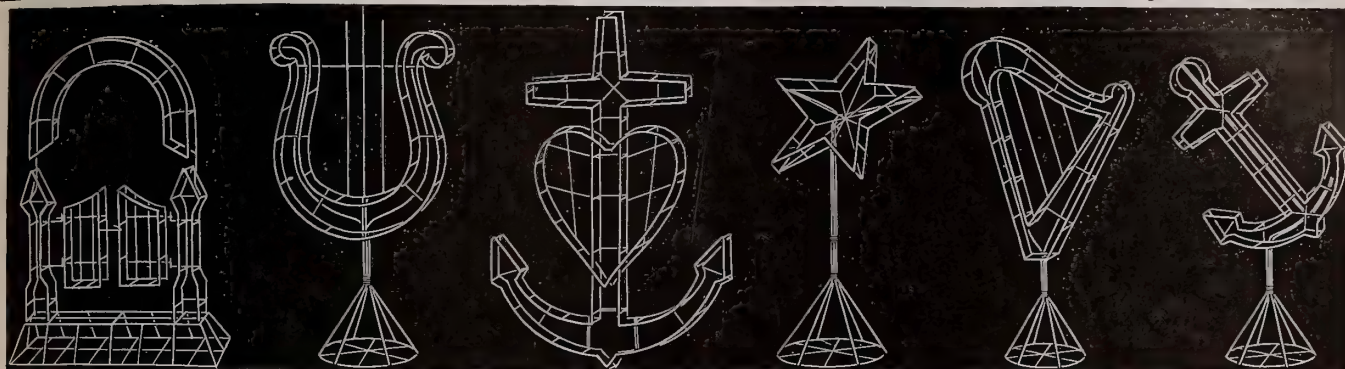
**F. O. B. NEW YORK**  
New York Terms Net  
No Packing Charges

Many other and odd designs can be made and supplied on short notice, but they are made entirely at the risk of the buyer as to correctness; we accept orders on no other basis. Large Discount if you order big. Send us your list for estimate. We meet all honest competition on these goods, quality considered.

**F. O. B. CHICAGO**  
DISCOUNTS:

5% on orders of \$10.00 or over  
10% on orders of 20.00 or over  
15% on orders of 40.00 or over  
20% on orders of 75.00 or over

Compare These Prices. They are Much Lower than Many so-called Net Prices.



**GATES AJAR**

**ANCHORS—Flat**

Inch	Price	Inch	Price
10	\$0.30	20	\$0.50
12	.25	22	.55
14	.30	24	.60
16	.35	27	.70
18	.45	30	.90
		36	1.05

**Anchor on Base**

Inch	Price	Inch	Price
12	.45	22	.95
14	.55	24	1.10
16	.65	27	1.25
18	.75	30	1.50
20	.85	36	2.00

**Anchor and Cross on Base**

Inch	Price	Inch	Price
12	.45	20	.75
14	.50	24	.85
16	.55	27	1.15
18	.65	30	1.35
		36	1.75

**ANCHOR AND CROSS**

Inch	Price	Inch	Price
10	.20	20	.45
12	.25	22	.50
14	.30	24	.60
16	.35	27	.70
18	.40	30	.90
		36	1.25

**BASES**

Inch	Price	Inch	Price
5	.18	9	.40
6	.20	10	.50
7	.25	11	.75
8	.35	12	1.00

**HANGING BASKETS**

**Plain Top**

8 doz.	2 doz.	16 doz.	4 doz.
8	2.25	18	5.00
12	2.60	20	7.00
14	3.00	22	9.00

**Hanging Baskets, Fancy Top**

8 doz.	2 doz.	16 doz.	5 doz.
8	3.25	18	7.50
12	3.50	20	8.50
14	4.50	22	10.00
		24	12.00

**BELLS—Single Frame**

8	each	25	15	each	60
10	.30	18	.80	80	
12	.40	21	1.15		

**Bells, Double Frame**

10	60	15	1.00
12	.75	18	1.35
		21	1.75

**BROKEN WHEEL**

**On Reclining Stand**

15	65	27	1.50
18	.75	30	1.90
21	1.01	33	2.50
24	1.25	36	3.00

**Broken Wheel on Easel**

15	.85	27	2.25
18	1.10	30	2.50
21	1.40	33	3.25
24	1.75	36	3.75

**Broken Wheel on Base**

15	.80	27	2.35
18	1.20	30	2.75
21	1.50	33	3.50
24	1.85	36	4.50

15.....	80	27.....	2 35
18.....	1 20	30.....	2 75
21.....	1 50	33.....	3 50
24.....	1 85	36.....	4 50

CASKET CROSS			
12.....	24	24.....	60
15.....	30	27.....	80
18.....	35	30.....	85

21.....	45	33.....	1 00
		36.....	1 25
<b>CRESCENT</b>			
10.....	15	16.....	28

**LYRE ON BASE**

**CRESCENT WREATHS**

Inch	Price	Inch	Price
10	.15	21	.50
12	.18	24	.60
14	.25	27	.85
16	.30	30	1.15
18	.35	36	1.40

**Crescent Wreath on Round Base**

Inch	Price	Inch	Price
10	.50	21	1.15
12	.60	24	1.50
14	.70	27	2.00
16	.80	30	2.30
18	.90	33	3.50
		36	4.00

**Crescent Wreath on Reclining Stand**

Inch	Price	Inch	Price
10	.25	21	.70
12	.30	24	.90
14	.35	27	1.50
16	.40	30	2.10
18	.55	33	2.55
		36	3.00

**CROSSES—FLAT**

Inch	Price	Inch	Price
10	.06	27	.30
12	.08	33	.50
14	.09	36	.75
16	.12	42	1.25
18	.15	45	1.50
20	.18	48	1.75
22	.21	54	2.00
24	.25	60	2.50

**Crosses on Round Base**

Inch	Price	Inch	Price
10	.20	27	.85
12	.25	30	1.00
14	.30	33	1.25
16	.35	36	1.50
18	.40	42	2.00
20	.45	48	3.00
22	.65	54	4.00
		60	5.00

**MALTESE CROSSES**

Inch	Price	Inch	Price
10	.20	18	.40
12	.25	20	.50
14	.30	22	.60
16	.35	24	.85
		28	1.25

**SLANTING CROSS**

12	.18	24	.55
14	.20	27	.65
16	.25	30	.80
18	.30	33	1.00
20	.35	36	1.25
22	.40		

14.....	30	22.....	60
16.....	35	24.....	85
		28.....	1 25

**SLANTING CROSS**

12.....	18	24.....	55
14.....	20	27.....	65
16.....	25	30.....	80
18.....	30	33.....	1 00
20.....	35	36.....	1 25

22.....	40		
<b>COLUMBIAN KNIGHTS. Flat</b>			
15.....	1 00	21.....	1 50
18.....	1 25	24.....	1 75

18.....	1 25	24.....	1 75
<b>Columbian Knights, On Easel</b>			
15.....	1 50	21.....	2 25
18.....	1 75	24.....	3 00

**HARPS—Flat**

Inch	Price	Inch	Price
12	.30	24	.70
15	.35	27	.80
18	.45	30	1.00
21	.60	36	1.35

15	Base.	1	25	27	Base.	2	40
18	"	..	1 40	30	"	..	3 00
21	"	..	1 65	33	"	..	4 00
24	"	..	1 90	36	"	..	5 00

**HARPS—Flat**

Inch	Price	Inch	Price
12.....	\$0 30	24.....	\$0 70
15.....	35	27.....	80
18.....	45	30.....	1 00

**FAITH, HOPE AND CHARITY**

**HEARTS—Solid**

8	12	18	.35
10	.15	20	.45
12	.18	22	.55
14	.20	24	.70
16	.25	27	1.00
		30	1.35

**Hearts on Base**

8	.35	16	.70
10	.45	18	.85
12	.50	20	1.00
14	.60	22	1.25
		24	1.50

**Hearts on Reclining Stand**

10	.30	18	.75
12	.40	20	1.00
14	.45	22	1.35
16	.55	24	1.65

12.....	35	21.....	75
14.....	40	24.....	95
16.....	50	27.....	1 20
		30.....	1 80
<b>Open Heart on Round Base</b>			
10.....	50	18.....	1 10
12.....	60	21.....	1 40

14.....	70	24.....	1 75
16.....	85	27.....	2 15
<b>Open Heart On Reclining Stand</b>			
10.....	35	18.....	90
12.....	45	21.....	1 15

12.....	45	21.....	1 15
14.....	55	24.....	1 50
16.....	65	27.....	2 00
		30.....	2 50

**HORSESHOES**

**HORSESHOES**

12	.20	24	.80
14	.25	30	1.25
16	.30	36	1.75
18	.40	48	3.50
		50	

**KNIGHTS OF PYTHIAS DESIGN**

**New Style Wreath on Easel**

21	2.00	24	2.50
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**KNIGHTS' TEMPLAR**

**On Easel**

18	1.50	30	3.50
24	2.25		

**MASONIC DESIGNS**

**Square and Compass Flat**

12	.35	24	1.35
14	.40	27	1.50
16	.50	30	1.75
18	.65	33	2.10
21	1.00	36	2.35

14.....	40	27.....	1 50
16.....	50	30.....	1 75
18.....	65	33.....	2 10
21.....	1 00	36.....	2 35

**On Reclining Stand**

**24" Reckoning Stand**

14.....	60	27.....	1 75
16.....	75	30.....	2 00
18.....	1 00	33.....	2 50
21.....	1 25	36.....	2 85

**Masonic Square and Compass On Base**

Inch	Price	Inch	Price
12	.30	24	.75
14	.40	27	.85
16	.50	30	1.10
18	.70	33	1.35
21	1.25	36	1.75
		40	2.00

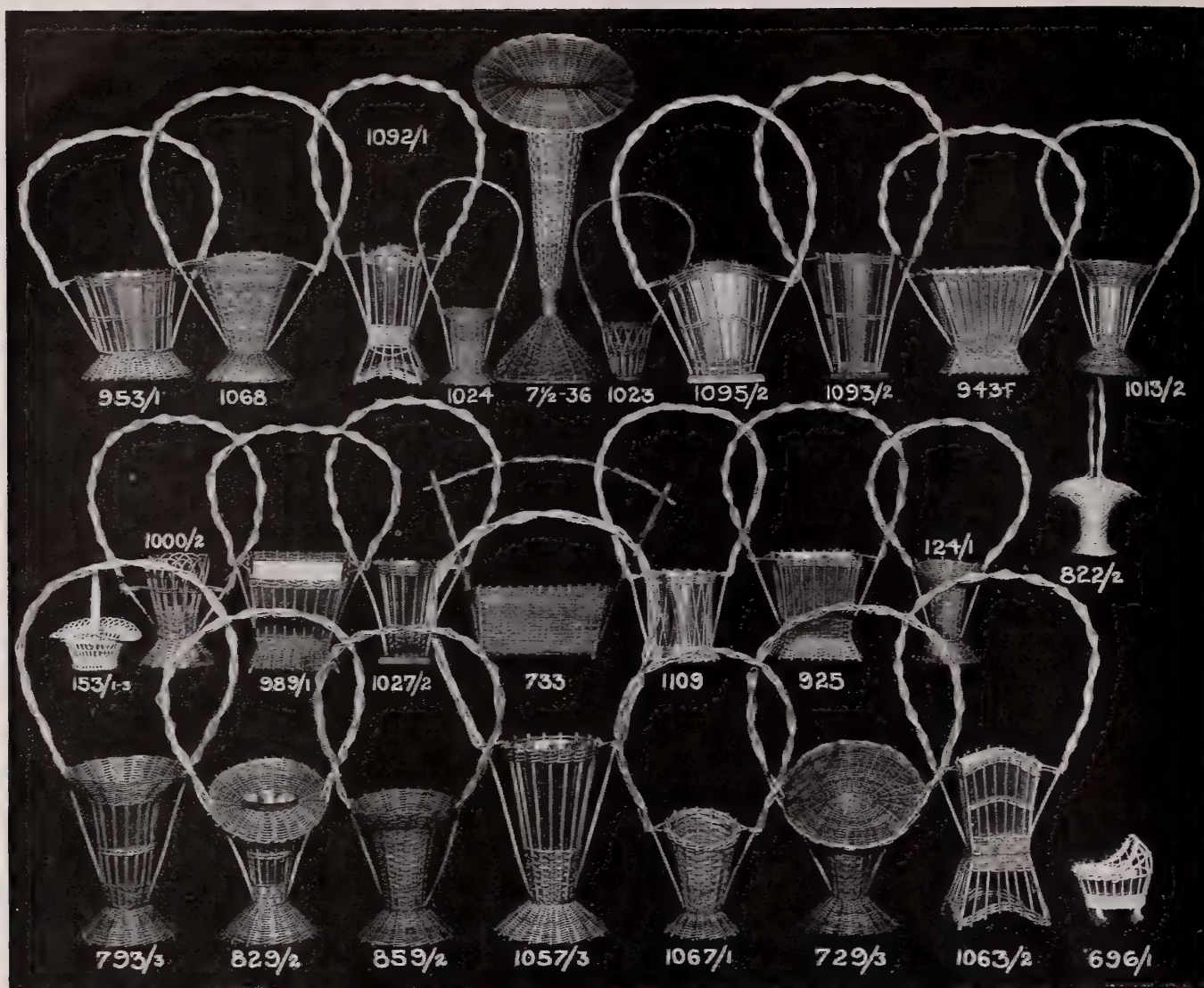
18.....	1 00	33.....	2 50
21.....	1 35	36.....	3 00
24.....	1 60		

**Masonic Square and Compass**

On Base		On Base	
Inch	Price	Inch	Price
12.....	\$0 60	24.....	\$1 75
14.....	70	27.....	2 25
16.....	90	30.....	2 75

N BASE		HARP ON BASE	
STARS—Flat			
6.....	10	18.....	35
8.....	12	21.....	45
10.....	15	24.....	60
12.....	20	27.....	1 00
14.....	25	30.....	1 25
16.....	30		





## Lowest Prices We Have Ever Quoted on Baskets

The Baskets we illustrate on this page are mostly well known styles. We can make any kind of a basket for you with your specifications. Give us a trial order for a \$10.00 assortment of baskets

and we assure you that you will be delighted with Vaughan's quality and price. Our baskets are two-tone finish unless otherwise desired.

No.	Opening Inches	Height of Body, Inches	Overall Inches	Price Each	No.	Opening Inches	Height of Body, Inches	Overall Inches	Price Each
124/1 Sp.	3 1/2	10	25	\$0.60	1013/2	4 1/2	12	27	\$0.75
124/2	4	12 1/2	28	.75	1023	3 1/2	6	20	.30
696/1	8 x 4 1/2		8	.80	1024	3 1/2	7 1/2	21	.40
696/2	10 x 5 1/2		9 1/2	.95	1027	6	10 1/2	27	.60
729/2	4	14	28	1.05	1057/1	5 1/2	13	32	.70
729/3	6	17 1/2	32	1.35	1057/2	7	15	33	.90
733	13 1/2 x 5 1/4	7	21	1.00	1057/3	8 1/2	19 1/2	41	1.35
793/3	6 3/4	17	37	1.25	1063/2	8 x 5	17 1/2	35	1.25
822/1	8 1/2		16	.50	1063/1	8 x 5	13 1/2	30	1.00
822/2	9 1/2		18	.60	1067/1	6	12 1/2	29	.75
822/3	11		21	.70	1067/2	7	17	34	1.05
829/1	5 1/2	12	26 1/2	.80	1068	10 x 5 1/2	13	30	1.20
829/2	5 1/2	17	32	1.10	1092/1	6 1/2 x 6 1/2	14 1/2	32	.85
859/1	5	11 1/2	28	.80	1095/1	8 1/2 x 5 1/2	9 1/2	26	.65
859/2	5 1/2	13	31	1.00	1095/2	10 1/2 x 6	12 1/2	30	.90
925	8 1/2 x 5	11	26	.90	1095/3	12 x 7 1/2	13 1/2	33	1.20
953/1	9 1/2 x 7	11	26	1.00	1095/4	13 x 9	14 1/2	35	1.60
953/2	12 1/2 x 7 1/2	13	31	1.25	1095/5	16 x 10 1/2	17 1/2	38	2.20
943F	11 x 7 1/2	11	27	1.10	1093/2	7 1/2 x 7 1/2	13	32	.90
989/1	10 x 5 1/2	11 1/2	25	.95	1093/3	8 x 8	15	36	1.10
989/2	11 x 5 1/2	13	29	1.25	1109	6 1/2	9	26 1/2	.55
991/1	10 x 5 1/2	21	41	1.50	153/1-3	8 1/2 x 11 1/2		Set of 3	1.40
991/2	10 1/2 x 7	23	48	1.75	7 1/2 Tiffany Vase	24"	30"	42"	48"
1000/2	5 1/2	11 1/2	26	.85	7" Straight Vase	\$2.00	\$2.90	\$3.30	\$4.00

Galvanized iron liner and weighted bottom.



# Ribbons and Chiffons

We offer only the best grades especially adapted for Florists' use, but can also supply other grades not listed.



Radiance

**Pattern 1900, No. 5 Radiance Ribbon.** Used for tying mats and crepe paper around pots, also used for making bows for basket and wreath work. Put up in 50-yard spools. Comes in all colors. Per spool, 85c. Box of 20 spools at 80c spool.

**Novelty Tinsel Pot Tie Ribbon.** A silk fibre ribbon with tinsel strands. Brilliant metallic colors which lend themselves to varieties of flowers and plants. This is one of the biggest selling items in pot ties. Also used on corsage bouquets, wrist and shoulder shields. 50-yd. bolts, width  $\frac{3}{4}$  inch. Per bolt, 50c; 10 bolts for \$4.75.

**Picot Edge White Ribbon.** Suitable for plant decorations, bridal sprays, etc.; white and pink. No. 2, spool of 50 yards, 65c; 10 spools for \$5.50.

**No. 1 Baby Ribbon.** Any color. Spool of 50 yards, 60c; doz., \$6.00.

**Tinsel Ribbon.**  $\frac{3}{4}$  inch wide, a rich pot tie ribbon also used for making bows for baskets and wreath work. In gold, silver or green or red gold, 50-yd. spool, 90c; 10 spools, \$8.50.

**Plain 3-Stripe Imported French Chiffon.** Superior quality in all popular shades. In bolts of 40 to 45 yards. We do not sell less than a bolt of a shade. Four-inch, per yard, 5c; 6-inch, per yard, 6 $\frac{1}{2}$ c; in 6-bolt lots, 6c per yard.

**Dotted Chiffons, all shades.** In bolts of 40 to 45 yards. Sold only in original bolts. 6-inch, per yard, 8c.

**Corsage Pins.** Pearl heads, finest made, assorted colors. Per gross, \$1.25.

**Corsage Ties (Cord and Tassels).** Per doz., 65c; per gross, \$6.50.

**Metaline.** This ribbon has a bright metallic lustre with striped edges, width 5 $\frac{1}{2}$  inches, for baskets and bouquets; we carry a stock of all colors. Price per bolt of 40 yards, \$1.20; ten bolts, \$11.50.

**Ribbonzene Crinkle Baby Ribbon No. 1.** For tying cards. All colors. 500-yard spool, 90c; doz. spools, \$10.20.

**Valley Pattern Chiffon.** Pink, white, lavender and purple. 6-inch, per yard, 8c. Six bolts at 7 $\frac{1}{2}$ c per yard.



**Special Metaline.** Approximately 5 inches wide. A popular number for use on low priced work, all shades. 40-yd. bolts, per bolt 95c; 10 bolts for \$9.00.

**Rubberized Shoulder Shields.** Per doz., 75c; gross, \$7.00.

**Corsage Shields, Shoulder or Wrist Shields.** Chiffon edge. Per doz., \$1.25; per gross, \$12.50.

**Waist Shields.** Chiffon edge. Corsage large, medium and small. Per doz., \$1.50; per gross, \$15.00.

# Glazing Tools and Materials

## ALL THE BEST MATERIALS FOR GREENHOUSE USE



MASTICA MACHINE

### MASTICA, For Glazing

**Greenhouses.** The use of "Mastica" avoids the necessity of repeatedly reglazing the houses, saving much time and expense. Broken glass easily removed and replaced by new without breakage of other glass, which usually occurs with hard putty. One gallon will cover about 290 running feet (one side).

Price, per gal., \$2.45; 5 gals., \$11.75; 10 gals., \$23.00.

**MASTICA MACHINE**—Each, \$3.00.



PUTTY BULB

**GARLANITE** The original white glazing compound, remains soft and flexible, easy to apply and to remove. Price 40 and 60-gal. drums, \$2.30 per gal.; kegs, 10 and 20 gals., \$2.35 per gal.; 5-gal. kegs, \$2.50 per gal.; gal. cans, \$2.55. 10 gals. or more prepaid.

**GARLAND WHITE SHADING COMPOUND.** 25 lbs. is equivalent to 2 gals. 25 lbs., \$3.50; 50 lbs., \$6.50; 100 lbs., \$12.00; 200 lbs., \$22.00; 300 lbs., \$33.00; 500 lbs., \$52.50, F.O.B. Chicago or Cleveland, O. 100 lbs. or more, freight prepaid and shipped from factory.

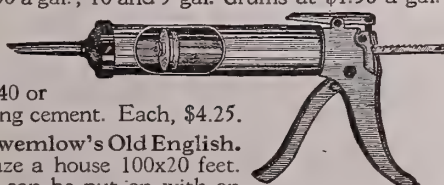
**TAMM'S SHADING COMPOUND.** Save on shading painting. Stays on in rainy weather and is easily removed when no longer needed; none better made.

White, per 100 lb. keg, \$9.00; Barrel of 400 lbs., \$28.00. Green, 2c per lb. higher.

**VAUGHAN'S GREENHOUSE BULBING CEMENT.** A pure asphalt glazing compound for greenhouse use. Will not crack or run and adheres to all glass and framework or sash. One gallon to 300 lineal feet. Apply with Mastic Machine or Bulber. 60, 40 and 20-gal. drums at \$1.00 a gal.; 10 and 5-gal. drums at \$1.30 a gal.; 1-gallon can, \$1.50.

**MODEL "O" SAFETY GLAZING GUN.** Gratis with 40 or 60-gal. drum of glazing cement. Each, \$4.25.

**GLAZING PUTTY, Twemlow's Old English.** Five gallons will glaze a house 100x20 feet. Being semi-liquid it can be put on with an ordinary putty bulb very quickly, and as it never becomes hard, broken glass can always be removed without any danger to the other lights. Per gal., \$2.60; 5 gals., \$12.50; 10 gals., \$24.50



**PAINT, Vaughan's Greenhouse White.** This is a full oil paint, has good lustre and body and is not liable to peel off or crack. Per gal., \$2.95; 5 gals., \$14.00; bbl. at \$2 65 gal.

**PUTTITAPE.** A wonderful new method of glazing new ever soft gum now mounted on tape, made of lead foil to protect it, comes to you in handy rolls. Just unroll on the sash and bars, price, 100 ft., \$3.50; per 1,000 ft., \$30.00.

### CLAMP, Peerless Repair.

Simple device for repairing broken greenhouse glass. Easily adjusted from inside of house. Saves labor, coal and glass. If applied as soon as crack is noticed, the pane is just as strong as before and will not sag or drop out. Price, per box of 100 clamps, \$1.25. Five boxes for \$6.00.



### TROJAN ROLLER TYPE

**GLASS CUTTER.** Doz., \$1.80; each, 20c.



**PUTTY KNIFE, No. 120.** A very good tool. Each, 40c; 3 for \$1.10.

**PUTTY BULB, Scollay's.** A useful tool similar to the well-known Scollay Sprinkler, with a tube instead of spray for applying liquid putty in glazing greenhouses. Each, \$1.35; 3 for \$3.75; doz., \$13.00.

### GLAZING POINTS, Vaughan's Perfection—No rights or lefts.

No. 2. For large single thick glass.

No. 2 $\frac{1}{2}$ . Double thick, for greenhouses and skylights.

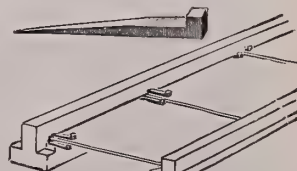
No. 2. Price, per lb. (about 900), 55c; in lots of 5 lbs., 50c per lb.; No. 2 $\frac{1}{2}$ . Per lb. (about 800), 55c; 5 lbs. at 50c per lb.

Write for prices in larger quantities.



### SIEBERT'S IMPROVED.

Easy to drive and made so they will not wedge or crack glass in driving. The head gives a good surface and makes it very easy to drive with a chisel, and the point is very easily pulled out in repairing greenhouse roof. Two sizes,  $\frac{5}{8}$  and  $\frac{3}{4}$  inch long, put up in 1-pound packages. Over 1,500 points in 1-lb. pkg. of  $\frac{5}{8}$  in; over 1,000 points in 1-lb. pkg. of  $\frac{3}{4}$  in. Price: per lb., 50c; 5 lbs., \$2.25; 20 lbs., \$8.00.





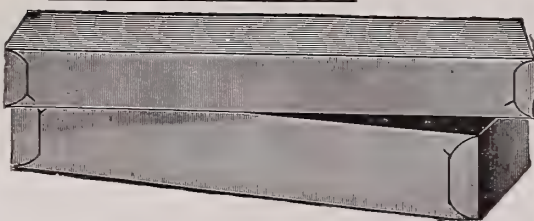
# Supplies for the Florist Shop

## CUT FLOWER BOXES

Printing any single color. Per 1,000, \$2.75.

Printing gold or silver. Per 1,000, \$4.75.

When ordering printed boxes, allow a week or ten days extra for delivery.



## VAUGHAN'S "GREEN" GRADE.

Fine, green-lined, moisture-proof board. Very popular.

Size in inches	Per 25	Weight Per 100	Per 100	Size in inches	Per 25	Weight Per 100	Per 100
18 x 5x3	\$1.25	35 lbs.	\$4.15	5x24x8	\$2.35	70 lbs.	\$ 7.85
3 x 21x5	1.40	40 lbs.	4.35	5x28x8	2.60	90 lbs.	8.45
3 1/2 x 24x5	1.60	50 lbs.	5.00	5x36x8	3.20	125 lbs.	10.95
3 1/2 x 30x5	1.80	65 lbs.	5.75	5x42x8	4.35	165 lbs.	14.95

## FLORAL DESIGN BOXES. Mist grey. Full telescope.

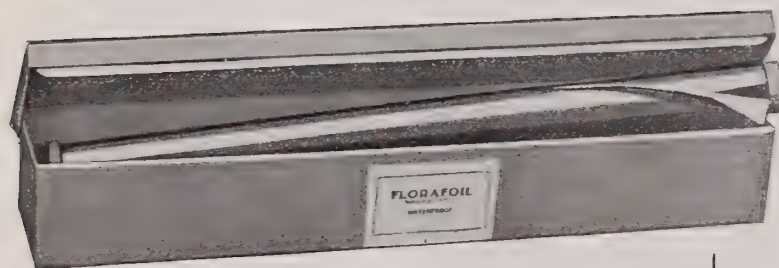
No.	Size	Per 25	Per 100	No.	Size	Per 25	Per 100
No. 25.	7x30x12	\$5.25	\$18.95	No. 27.	8x20x20	\$6.25	\$23.25
No. 26.	8x36x14	7.00	25.95	No. 28.	8x24x24	8.25	31.00

Packed 25 complete per bundle.

## CORSAGE BOXES. Shallow lid, mist grey.

Size	Per 25	Per 100	Size	Per 25	Per 100
8x5x4	\$0.95	\$3.00	12x8x5 1/2	\$1.65	\$5.25
10x6x5 1/2	1.35	4.25			

Write for Special Discounts on quantity orders.



**FLORAFOLI.** Colored aluminum foil used for pot covers, etc. Rolls 20 inches wide. Colors violet, silver, gold, green, red, purple, fuchsia, pastel green, pastel blue, black and blue. Per 50-ft. roll, \$1.10; six rolls for \$6.00.

**SATINET.** The aristocrat of the florist foils. A smooth lustre—a soft as satin finish—a full range of colors, carefully chosen to blend harmoniously with Easter and spring flowers. Comes in rolls 50 feet long, 20 inches wide. It can be used effectively on corsages, on larger floral pieces, to wrap basket handles, and in many other ways. Satinet is available in Orchid, Sky-Blue, Nile Green, Pink, Purple, Red, Green, Gold, Fuchsia and Silver Blue. Per roll, \$1.10; 6 rolls for \$6.00.



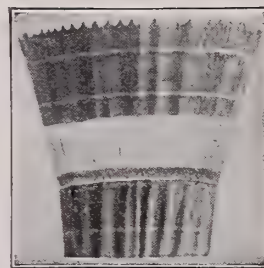
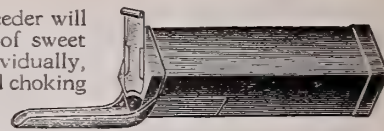
## FLORALIFE

Helps flowers live longer. In handy display cartons. Price, 25 10c pkts., \$1.40; 50 pkts., for \$2.75; carton of 100 pkts., \$5.00, your selling price, 10c per pkg.; handy home size retails at \$1.00 each. Price six cans for \$3.50. 50 qt. size, retails for \$2.50; 6 for \$8.00.

## New Handy Seeder

This little handy seeder will sow seeds up to size of sweet peas, scatters seed individually, prevents crowding and choking of seedlings, eliminates guess work

because you can see each seed drop, no matter how fine. Saves time because you can sow seeds twice as fast. Price, each, 45c, postpaid; three for \$1.10; doz., \$3.25; retails at 50c each.



**STICK-TO-IT POT COVERS.** Made of waterproof crepe paper with elastic band around same. These pot covers come already pleated with a crepe ruffle around center, giving a pot tie effect. Moss green.

	Doz.	100
5 in.	\$0.85	\$ 6.00
6 in.	1.10	7.50
7 in.	1.35	9.00
8 in.	1.50	10.50

## Paper—Tissue, Wax

Prices on Paper Subject to Market Changes.

**Pure White Glazed Florist Tissue.** The best grade white glazed 11 lb. basis. 24x36 inches, F. O. B. Chicago, ream. (480 sheets), \$1.25; 10 reams (4,800 sheets), \$10.50; F. O. B. New York, ream (480 sheets), \$1.60; 10 reams (4,800 sheets), \$13.00.

**White Wax.** Medium, 24x36 inches; F. O. B. Chicago, 400 sheets, \$1.65; F. O. B. New York, 480 sheets, \$1.95.

**Green Wax.** Beautiful shade light green, 24x36 inches, F. O. B. Chicago, 400 sheets, \$1.75; 10 reams for \$15.50; F. O. B. New York, 480 sheets, \$2.10.

**Green Wax Wreath Rolls.** Used for wrapping mossed wreaths and wire designs. 3-inch rolls; a time-saver and no waste. Per box of 12 rolls, \$1.85; 3 boxes for \$5.25.

**Green Wax on Rolls.** 24-inch width; approximate weight per roll 48 lbs.; per lb., 22c.



**Waterproof Crepe Paper.** In green, pink, lavender, yellow and purple; per roll, 29c; per doz., \$3.25; 25 rolls, \$6.50; 100 rolls, \$24.95.

**Kraft Wrapping** in rolls, all weights and sizes. Price, per lb., 7 1/2c; green Kraft plain, any size roll, per lb., 9c.

**PAPER CUTTERS.** 24, 30 and 36-in. Price, complete, \$2.75; extra heavy cutters 48-in., each, \$10.50; 60-in., each, \$12.50.

**MATS, Imported Japanese Chip.** Used for decorating all blooming plants. Assorted colors, plain and two-tone, per 100, \$5.95; 500 for \$28.75.



## FERN PIN. New Philly.

The bend holds the leaves firmly; easier to handle. Per box, \$1.85.



**PINS, GREENING.** Adapted for pinning on galax leaves, dagger or fancy ferns, sheet moss, etc., \$1.85 per box of about 10,000.

**BULL DOG CLIPS.** The clip with the grip. Per box of 1,000 clips, 50c; 10 boxes for \$4.50.



# Prepared Leaves,

**IMMORTELES, Colored.** White, Purple, Bright Scarlet, Pink, Blue, Light Green; bunch, 70c; doz., \$6.60.

**Natural (Yellow),** bunch, 70c; dozen, \$6.60.

Write for prices on larger quantities.

**MAGNOLIA. Bronze, Green,**

**Purple.** Most popular leaf ever introduced for wreaths, etc. Adapted to all weather conditions. Price, any color, per carton, \$1.50; 6 at \$1.45 each; Red, per carton, \$1.85.



**LYCOPodium. Prepared.** 10

lbs. to carton, \$1.95; 25-lb. carton, \$4.65; 100 lbs., \$17.45.

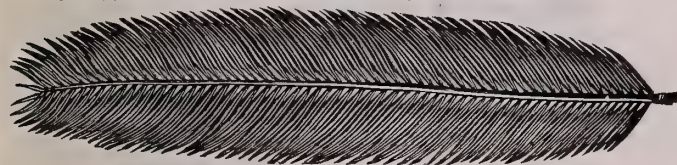
**OAK LEAVES. Prepared.** Unsurpassed for Wreaths, Garlands, etc. Prepared in Light Autumn Red, Green and Leather-Brown. Price, per carton, \$1.35; 6 cartons, \$1.25 each.

**TRANSPARENT OAK BRANCHES.** Dr. Dux Autumn or Red. Per lb., \$1.15; 5 lbs. for \$5.50; 10 lbs. for \$10.50.

**STATICE NATURAL WHITE.** Used extensively in Wreaths and Baskets. Natural, per lb., 85c; 10 lbs. for \$7.50.

**GYPHOPHILA (Baby Breath).** Pure white double Colorado grown, large fluffy bunches. No florist should be without this handy fill-in for floral work or baskets. Price, per bunch, 75c; 6 bunches for \$4.20.

**COLORED GYPHOPHILA.** Rose-pink, orange, Nile green, yellow, blue, and violet. Per bunch, 95c; 6 bunches for \$5.40.



**CYCAS LEAVES.** Prices subject to change without notice.

Length	Pkg. of 10	100	Length	Pkg. of 10	100
4 to 8 in.	\$0.25	\$2.20	28 to 32 in.	\$0.65	\$5.60
8 to 12 in.	.30	2.50	32 to 36 in.	.85	6.70
12 to 16 in.	.35	3.00	36 to 40 in.	1.00	7.85
16 to 20 in.	.45	3.75	40 to 44 in.	1.10	9.50
20 to 24 in.	.50	4.25	44 to 48 in.	1.30	11.00
24 to 28 in.	.55	4.75			

**GRASS RUG or MATS (RAFFIA)** Green, finest quality. 72 inches long, 36 inches wide. Each, \$2.75; doz., \$29.00.

**SPLIT BAMBOO.** Plant Stakes. 12-inch; per 1000, \$1.30; per bale of 2000, \$2.40; 18-inch; per 1000, \$1.75; per bale of 2000, \$3.30.

**WIRED PICKS.**

2 1/2-inch Plain	Box of 10,000	\$ 2.50
3 -inch Green	Box of 8,000	3.25
4 -inch Green	Box of 4,500	2.95
6 -inch Green	Box of 3,000	2.50
2 1/2-inch Plain	Case of 50,000	10.95
4 -inch Green	Case of 10,000	5.45

**MATCH or HYACINTH STICKS.**

Dyed green; 5-inch, 65c; 12-inch, \$1.35; carton of 9000, \$10.80; 18-inch, \$1.80 per 1000; carton of 6000 at \$9.90.



# Bouquet Material

**TWINE "The Queen" White Cotton Twine.** 3 or 4-ply. Put up in 5-lb. sacks, 30 balls to a sack. Price, \$2.00; 5 bags for \$9.50. Write for prices on larger quantities.

**Polished Cotton.** No. 228, for parcels. In 1/2-lb. balls, 40c per lb. **Jute.** For bunching; 2 or 3-ply., in 1/2 lb. balls. Per lb., 28c; 10 lbs., \$2.35; per 100 lbs., \$21.00.

**Jute Twine.** 25 lbs. coils. Many ends, \$4.95.

**Silkline.** For stringing Smilax, etc., fast green color, will not fade or break. FFF, Coarse 2-oz. spools, 1 lb. in box, 8 spools, \$2.25; FF, Medium, 2-oz. spools, 1 lb. in box, 8 spools, \$2.25; F, Fine, 2-oz. spools, 1 lb. in box, 8 spools, \$2.25.

**SISAL ROPE.** 2-Ply Heavy, in 1/2 lb. balls. 50-lb. Reel, \$6.25.

**Florists' Thread, Green.**

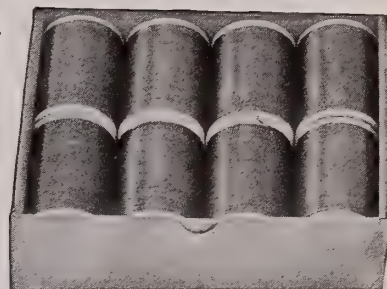
Myers' best brand. Similar to Silkline, 8 spools to a box. Per lb. box, \$1.00; 10 boxes at 95c per box.

**Green Sea Island Twine.**

Used for wrapping small packages—also for spray and design work. Put up in balls. 1-lb. box, 70c; 5 boxes at 65c per box.

**Green Sea Island Twine.**

2 lbs., per cone, \$1.20; 3 cones for \$3.30.



**TIN FOIL. Florists' Foil.** 5, 6 or 7 inch, 1-lb. rolls, 25c; 10 lbs., \$2.00; 25 lbs., \$4.75; 50 lbs., \$9.00; 100 lbs., \$17.00.

**Violet or Green Foil.** Per lb., 45c; 10 lbs., \$4.00; 25 lbs., \$8.75.



**WIRE.** (Prices subject to change).

**Florist Wire on 12-lb. coils.**

No. 18	1.30
No. 20	1.50
No. 22	1.60
No. 24	1.85
No. 26	2.00
No. 28	2.35

**FLORISTS' CUT WIRE.** Clean, extra soft white wire, cut in 12 or 18-inch lengths, 12 lbs. to box.

No.	18	20	21	22	24	26
Price	\$1.35	\$1.45	\$1.60	\$1.70	\$2.40	\$2.95

**GALVANIZED WIRE COILS.** Used for stringing benches in Carnation and Rose houses. No. 16, per 12-lb. stone, about 1200 ft., \$1.80; 100-lb. coil, \$8.50. No. 18, per 12-lb. stone, about 1800 ft., \$1.90; 100-lb. coil, \$9.25.



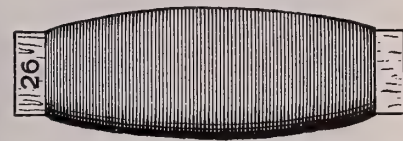
Prices Subject to Change Without Notice.

**MALINS WIRE STICKS**

22 and 24 Gauge. Per stick, 12c; per doz. sticks, \$1.30; per box of 20 sticks, \$1.80.

26, 28 and 30 Gauge. Per stick, 15c; per doz. sticks, \$1.50.

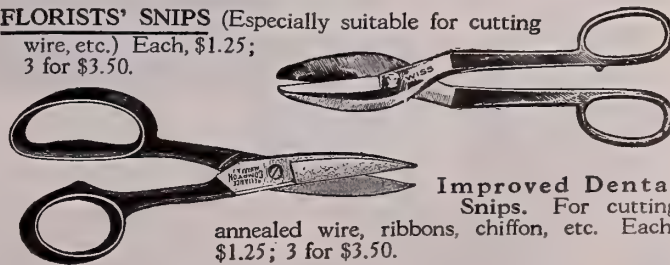
32, 34 and 36 Gauge. Per stick, 20c; per doz. sticks, \$2.10; per box of 20 sticks, \$3.20.



THE MALIN & CO., CLEVELAND, O.

**FLORISTS' SNIPS** (Especially suitable for cutting

wire, etc.) Each, \$1.25; 3 for \$3.50.



**Improved Dental**

**Snips.** For cutting

annealed wire, ribbons, chiffon, etc. Each, \$1.25; 3 for \$3.50.



# Greenhouse and Florists' Supplies

Prices quoted in this catalogue are subject to change without notice, owing to the unstable condition of the market. This applies particularly to Fertilizers, Wire, Tinfoil, etc. For parcel post rates see order sheet.

**APRONS, RUBBER.** These are especially made for us of the best quality sheeting, pliable and durable and extra long. Each, \$1.85; 3 for \$5.25. Postage, 20c each, extra.

*Father*

## Letters and Figures

**BOSTON SCRIPT.** Neatest ever made.

Can supply the following words: Asleep, Baby, Husband, Wife, Grandma, Grandma, Father, Mother, Brother, Sister, Rest, At Rest, Our, My, Finis and Friend. Per letter, each, 4½c.

**GOLD SCRIPT WORDS.** Gold finish. In the following inscriptions: Mother, Father, Brother, Sister, Asleep, etc.; ten words in a package. Price, per package of 10 words, 20c; per 100 words, \$1.75; per 1,000 words, \$15.00.

**GILT RIBBON LETTERS.** Gummed. 25 letters in a package, in letters A to Z, figures 1 to 9. 1¼ in. Per 100, 25c; per 1,000, \$2.00.



RUBBER APRONS



**CABINET AND CARD ASSORTMENT.** 1,000 assorted cards and Cedar Cabinet with hinged glass cover, \$7.25. Sympathy, get-well, birthday, baby, congratulations, and all holidays. Your own selection.

## CARDS WITHOUT CABINET.

250 assorted at.....\$1.25 | 1000 assorted at.....\$3.50  
500 " ".....2.00 | 2000 " ".....6.75

**WHITE ENVELOPES, PLAIN.** Size 2½x4¼", packed 250 to a box. 250 for 50c, 500 for 85c, 1,000 for \$1.50.

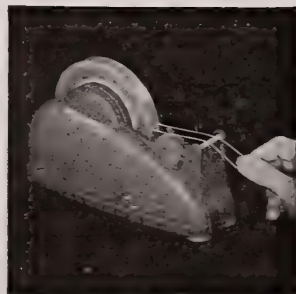
**SCOTCH CELLULOSE TAPE DISPENSER.** Heavy duty, each, \$1.25; weight, 8 lbs.



## TAPE TRANSPARENT

¼ in. wide, 4 rolls to box, 1 to 5 rolls at 82c each; 6 to 12 rolls at 74c each.

½ in. wide, 2 rolls to box, 1 to 5 rolls at \$1.08 each; 6 to 12 rolls at 98c each.



## WOOD EASELS

Strong, well made, finished in white, green and lavender.

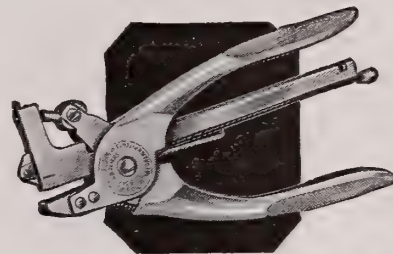
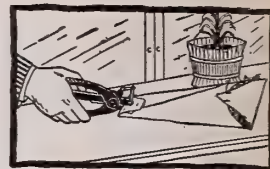
Height	Ea.	Per Doz.	Height	Ea.	Per Doz.
36 inch..	35c	\$3.80	54 inch..	53c	\$5.60
42 inch..	40c	4.50	60 inch..	58c	6.40
48 inch..	48c	5.00	66 inch..	65c	6.80

## NEVA-CLOG STAPLING PLIERS

Florists Save Time and Make Money with Wide-Jaw Neva-Clog Stapling Pliers

Florists' Model F100

For wrapping plants and cut flowers, making up corsages, wreaths and light baskets, making paper flower pot covers, attaching delivery tags to plants and flowers, sealing seed and bulb envelopes and 101 other uses. Has ¾-inch jaw and uses ¼-inch and ⅝-inch staples as listed elsewhere on this page. Price, each, \$3.25.



## STAPLES

All Neva-Clog staples are sharpened at the points to make easy penetration of material. The forming is perfect and the cohering very strong to prevent strips breaking upon being handled at high speed by workman. Both lengths are 100 to a strip, 7/16-inch crown, 1000 to a box.

A—1000 ¼-inch legs. Per 1000, 35c  
L—1000 ⅝-inch legs. Per 1000, 35c  
10,000 lots, per 1000, 30c  
25,000 lots, per 1000, 27c  
50,000 lots, per 1000, 25c

## FLORISTS' KNIVES

The Budding, Grafting, Pruning and Florists' Knives illustrated below are designed and made to meet the exacting requirements of nurserymen, orchardists, florists and gardeners who are extremely particular in the choice of their cutting equipment.



**No. 5A** Each 3 for  
Budding, No. 5A. Black handle; brass lined.....\$2.00 \$5.75  
Budding, Beech Wood Handle. Per doz., \$4.00... .40 1.10



**No. 801** Each 3 for  
Budding, Aluminum Handle (Imported), No. 801....\$2.00 \$5.00  
Propagating, No. 1011. Aluminum handle (imported).  
Each, \$2.00; 3 for \$5.00.



Vaughan's Florist (Patterned after Henckel's which cannot be had.)

Each  
Vaughan's Florist—3 for \$3.50.....\$1.25  
Henckel's White Handle, with Brass Caps, 2 blades, budding and prop., No. 727W. 3 for \$6.75.....2.50  
Henckel's Nurseryman's Extra Heavy Pruner, No. 3C... 2.75  
Henckel's Pruning, No. 2C.....2.50  
Putty Knife—No. 120, a very good tool; 3 for \$1.10... Each, \$0.45  
Pruning, Stag handle.....Each, 2.00



**White Handle, No. 83023W,** silver nickel shackle for chain attach. Each, \$1.00; 3, \$2.75.





# Thermometers

## THERMOMETERS.

8-in., accurate black tin case thermometer, black lithographed scale, red permacolor tubes, each, 30c; doz., \$2.50; 3 doz., \$7.00.

**Tin Case.** Standard grade (tested). 8-in., standard grade guaranteed accurate tin case thermometers, black oxidized metal scale, heavy magnified easy reading tube, each, \$1.00; 3 for \$2.75; doz., \$10.00.

**Self Registering Tycos.** No. 5452, with magnet. 10 in. Maximum and minimum registering thermometers mounted on substantial brass frame, guaranteed accurate, complete with magnet, each, \$6.50. Three for \$18.00.

**Self Registering.** No. 5454, complete with magnet for setting. Each, \$4.25. Three for \$12.00.

**Taylor Utility Thermometer.** White vitreous enamel scale, black figures and graduations; easy reading red permacolor tube which will not fade; prongs on top and bottom for easy mounting, 8½ inch. Each, \$1.00; three for \$2.75; doz., \$10.00.

No. 5132. Same as above. 7½ inch. Each, 75c; doz., \$7.80.

**Hotbed (Mushrooms).** Brass point, wood frame. 18 in. Hotbed or soil thermometer, guaranteed accurate, each, \$3.25.

No. 40. **Greenhouse.** White porcelain steel frame enameled. Black scale and figures, range 20 to 120 degrees, nonfading red spirit magnifying lens tube. Each, 50c; doz., \$4.50.

## SPECIAL THERMOMETER

6-inch White Thermometer registers from 40 below to 120 above; easy reading non-fading red spirit tube. Each, 30c; doz., \$2.75; three doz., \$7.50.

## PRACTICAL 24-HOUR RECORDING INSTRUMENT

Accurate, reliable automatic records at very low cost. A guarantee card goes with every instrument. Gives complete protection for greenhouses, refrigerators, etc. Three models for various temperature ranges.

Model A36, measures from 30° to 60° F.

Model B105, measures from 10° to 50° F.

Model B410, measures from 40° to 100° F.

Price all models, each, \$18.00.

Write for descriptive pamphlet.

Charts, 100 for \$1.50.

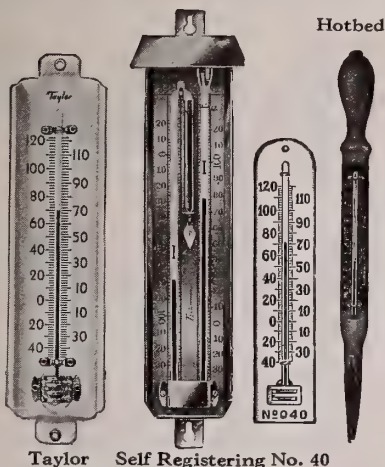
Ink, special non-clogging, bottle, 25c.

## Standard Recording Thermometer

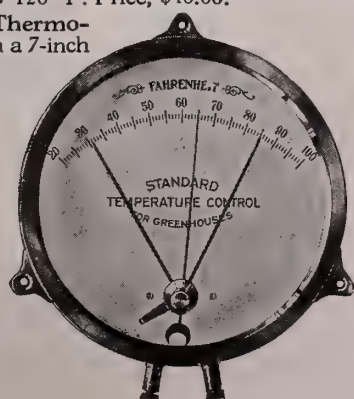
No. 200. Furnished with daily chart No. 3 or weekly chart No. 2. Range of temperature 20° to 120° F. Price, \$40.00.

**Standard Greenhouse Thermostat.** No. G. H. 4, arranged in a 7-inch enameled, hermetically sealed metal case supplied with padlock and key. Contact hands when set can be changed only by person having key. Price, \$15.00. Shipping weight, 4 lbs.

**Standard Greenhouse Thermostat.** No. G. H. 3, enclosed in 6-inch non-rusting metal case. Contact hands are set by a stud extending through the glass. Price, \$10. Shipping weight, 2 lbs. Prices do not include wire, batteries or bell.



Taylor Self Registering No. 40



# Jardiers and Vases

**Jardier Pot Covers.** Popularize the potted plant—because they safeguard the appointments of the finest homes—table tops, linens, window sills—from soilage and overflowing saucers. These are inexpensive, yet take the place in beauty and service of expensive jardinières. Save time and labor over other methods of trim.

## JARDIERS FOR STANDARD SIZE POTS

In Imitation of Pottery—Stucco Effect



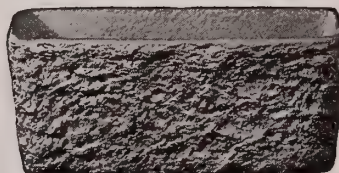
Sizes	Diam. Top Inside	No. Per Carton	Price Per 100
No. 4.....	5½ in.	100	\$ 8.00
No. 5.....	6¼ in.	80	10.00
No. 6.....	7¼ in.	50	13.00
No. 7.....	8¼ in.	35	20.00

(EXAMPLE: Use No. 6 Jardier for a 6-in. Pot.)

## JARDIER BULB BOX

No. 3 (or 3 in 1)—Curved construction makes possible a perfect fit for three 3-inch clay pots. Makes ideal table center-piece, 12 inches long, 5 inches wide, 4½ inches high. \$20.00 per 100, packed 50 per carton.

## THE JARDIER BULB BOX



No. 4 Jardier Bulb Box

Here is the final solution to bulb and plant "box idea" and its many possibilities.

The Jardier box is absolutely waterproof. Place the soil and plants directly into the Jardier. It is the least expensive and most practical method of carrying out the beautiful box idea. Jardier Boxes are self-

aerating—same as Jardier Vases—stimulating plant growth. No. 4—12 in. long—5 in. wide—4½ in. deep. \$20.00 per 100—50 per carton.

Standard Color—Green Special Color—White with Gold Trim.

## JARDIER VASES

Standard Colors—Green—Lavender—With Duo-Tone Finish.

## THE COLONIAL

Standard Colors—Green with Duo-Tone Finish. Special Colors—White with Gold Trim.

9 in. high, 3 in. in diameter, \$12.00 per 100; 60 per carton.

12 in. high, 4 in. in diameter, \$20.00 per 100; 32 per carton.

15 in. high, 6 in. in diameter, \$35.00 per 100; 13 per carton.

NOTE—No. 3, No. 4 and No. 5 Standard Jardiers are extensively used as "vases" for short stemmed flowers.



Colonial



Green Tin Vase

**VASE.** Green Earthenware Cemetery. A strong and ornamental vase that keeps its color. Retail at 50c. Each, 35c; per dozen, \$3.00; 3 dozen for \$8.50.

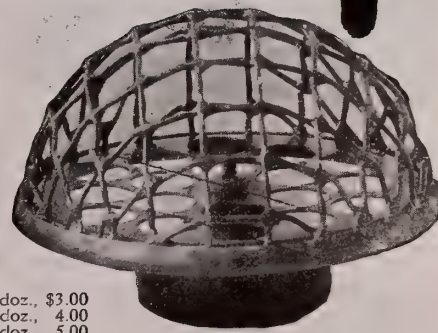
**Tin Painted Green,** with spike. Green Earthenware Vase. Each, 12c; doz., \$1.25; 100 for \$8.95.



## SUCTION FLOWER HOLDERS

Made of metal, round shape, with square wire mesh dome, finished in green bronze with rubber vacuum cup in bottom which prevents tilting over when long-stem flowers are used. No florist should be without these wonderful sellers.

3-inch diameter.....	Per doz., \$3.00
4-inch diameter.....	Per doz., 4.00
5-inch diameter.....	Per doz., 5.00





# Hotbed Supplies

**SASH, Hotbed.** Unglazed, 3x6 ft., for 3 rows, 10-inch double glass, each, \$2.10; 3 for \$6.00; doz., \$21.60. Glazed, double strength, each, \$4.45; doz., \$49.00. Our sashes are made of clear air-dried cypress. Unglazed sashes are not painted. Glazed sashes are painted one coat.  
40c crating charge when less than four glazed sashes are ordered.  
Write for prices and samples on parasetic and parachrys shading cloth, sterilizing blanket. A rubberized fabric for shading mums and other plants.



**VITAPANE GLASS SUBSTITUTE.** Crystal-clear transparent, durable, glossy material. Admits over 60% ultra violet rays for green houses, hot and cold bed frames, hot houses, as plant protectors and everywhere glass is generally in use. Put up in 50-ft. rolls, 36 inches wide. Price per roll, \$6.95.

**CEL-O-GLASS.** Will take the place of glass in hotbed sash, unbreakable and very light in weight. Properly installed, Cel-O-Glass is guaranteed for 5 years, will not break like glass or tear like cloth, flexible, easy to handle and install. Put up in rolls 3 ft. wide up to 100 ft. long. Price per 25-ft. roll, \$8.50; 100-ft. roll, \$32.40. 28 inches wide, 100-ft. roll, \$24.75.

**WINDOW FABRIC. Vio-Ray.** The most popular glass substitute; transparent, waterproof and weatherproof, it costs much less than glass and for many purposes is superior. Any one can put it up. 36 inches wide; put up in 25, 50 and 100-yd. rolls. Per yd., 18c.

## MILO WATERPROOF HOTBED MATS.

A combination of heavyweight burlap, felt and absorbent pulp, cemented together with a specially prepared waterproof compound, absolutely impervious to rain, sleet and snow, proof against frost, repellent to rats and mice, easy to handle, wears for years. Size 40x78 inches, each, \$2.25; doz., \$22.50. Size 78x80 in., each, \$4.00; doz., \$42.00.  
**CONTINUOUS LENGTHS** of Milo Waterproof Hotbed Matting. 40-inch width, per ft., 33c; 78-inch width, per ft., 65c.

**GLASS WOOL.** Protection and perfect mulch for your prized Plants and Shrubs, has been proved superior to all other mulches for the winter protection of plants. A snowy white blanket composed of extremely fine glass fibres. Packed 144 sq. ft. to a carton, 9 rolls 8 ft. long by 24 in. wide; is easy to handle and apply. Per carton, \$5.25; one roll only, \$1.85. Weight per carton, 35 lbs.



Write us for prices on Hotbed Heating Cable and Thermostats.

## SPHAGNUM AND SHEET MOSS

**VAUGHAN'S  
CLEAN SPHAGNUM  
FOR FLORISTS**

**Burlapped Bales**

## SPHAGNUM MOSS.

Bright, clean, new growth, free from brush or grass, is being worked out in Wisconsin district. We quote L. C. L. lots as follows:

**Burlapped Bales.** (45x14x16 inches). F. O. B. Wisconsin Points. For carloads, write us.

	F. O. B. Chicago	F. O. B. Woods
1 to 5 bales.....	Each, \$0.95	
6 to 10 bales.....	.. .85	Each, \$0.70
11 to 24 bales.....	.. .80	.. .65
25 to 49 bales.....	.. .75	.. .62

New York Prices 35c per bale higher. Cartage Free.

**Sheet Moss green, Extra fancy large sacks for Windows, Baskets, etc.** Per sack, \$1.35; 5 sacks, \$6.25.

Order Early, as the Above Prices are Expected to Advance.

# Plant Supports



## TWIST-EMS

New handy plant ties, deep green color, same shade as foliage of plants. Do not break or come loose. The wire running through the center of tape makes them unbreakable and they cannot come un-

fastened. Tape protects stem against injury. Price: 4-inch, per 1000, 75c; 5000 lots at 60c per 1000; 10,000 to 25,000 lots 58c per 1000; 6-inch, per 1000, \$1.00; 5000 lots at 85c per 1000; 10,000 to 25,000 lots at 82c per 1000. 8-inch, per 1000, \$1.20; 5000 lots, \$1.10 per 1000; 25,000 lots \$1.05 per 1000. 16-inch, per 1000, \$2.25; 5000 lots at \$2.00 per 1000; 10,000 to 25,000 lots at \$1.95 per 1000. Freight Prepaid in lots of 25,000 or over.

**Retail pkgs.** consisting of 12 pkgs. of 4-inch and 12 pkgs. of 8-inch ties in attractive display carton. Price \$4.00; retails for \$6.00.

## MODEL EXTENSION CARNATION SUPPORTS

Bases or bottom circle made of No. 12 galvanized wire, top circle of No. 13 galvanized wire; diameter of top circle 6 3/4 inches, bottom circle 7 1/2 inches; total height of support, extended, 24 inches; shipping weight, two-ring supports, approximately 360 pounds per thousand; three-ring supports, approximately 410 pounds per thousand.

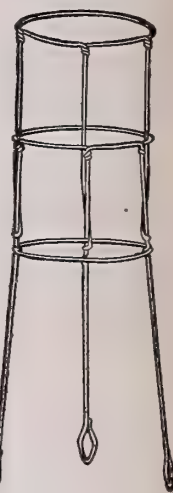
Price, 2-ring supports, \$7.25 per 100; \$65.00 per 1,000. 3-ring supports, \$8.25 per 100; \$70.00 per 1,000.

Write for price in large quantities.



## PEONY SUPPORTS.

Made of heavy galvanized wire. Height about 42 inches, width about 13 inches. Can also be used for supporting Tomatoes, Dahlias, etc. Per doz., \$2.95; in 3 doz. lots, doz., \$2.85.



## REEDS AND RAFFIA

**REEDS.** Extra White, prime quality.

	Per lb.	5 lbs.	Per lb.	Per lb.	5 lbs.	Per lb.
No. 1.....	\$0.70	.. .65	No. 5.....	\$0.50	.. .45	\$0.45
No. 2.....	.. .65	.. .60	No. 6.....	.. .45	.. .40	.. .40
No. 3.....	.. .60	.. .55	No. 7.....	.. .45	.. .40	.. .40
No. 4.....	.. .55	.. .50	3/8-inch Flat.....	.. .60	.. .55	.. .55

**RAFFIA.** Natural, Best Grade, F. O. B. Chicago. Lb., 58c; 5-lb. lots, per lb., 55c; 10-lb. lots, per lb., 53c; 25-lb. lots, 50c; 100 lbs., per lb., 45c. Bale lots (about .25 lbs.), per 100 lbs., \$40.00.  
**Dyed**—Old gold, pink, purple, emerald green, dark red, bright red, black, navy blue, orange. Per lb., 85c; 5 lbs. at 80c; 10 lbs. at 75c; 25 lbs. at 70c. Samples on application.  
Above prices subject to change without notice.

## SAXOLIN DUPLEX CRINKLED TREE WRAP

For covering the trunks of transplanted and newly set fruit and shade trees. Helps your stock to get off to a healthy start. Rolls, 4 inches wide, about 120 ft. to a roll. Weight about 2 lbs. Each, 45c; 5 rolls for \$2.00; 10 rolls for \$3.85; 25 to 49 rolls at 33c roll; 50 rolls or more at 32c roll.



## EEZY WEAR GARDEN GLOVES

Made of imported leather processed to make it pliable as kid and washable. An ideal glove for men and women gardeners. Will outwear six cotton gloves. Sizes for women: "Small," "Medium," "Large"—for men: "Medium" and "Large." Price, 75c a pair; doz. pair, \$6.60.





# Pots, Tubs, Vases and Wheelbarrows

Prices on pots subject to change without notice

## IMPROVED NEPONSET PAPER FLOWER

**POTS.** The famous pot with a new use. A waterproof pot that can be used for growing plants, especially in the greenhouse where they have to stand continual watering from six to eight weeks. The ideal pot for transplanting and shipping. Unbreakable and much lighter in weight.



Size, inch	Per 100	Per 1000, F.O.B. New York	Per 1000, F.O.B. Chicago	Original crates hold	Gross wt. of 1000 pots about
2.....	\$0.50	\$ 2.90	\$ 3.15	1,000	10 lbs.
2 1/4.....	.55	3.00	3.25	1,000	12 lbs.
2 1/2.....	.60	3.20	3.50	1,000	16 lbs.
3.....	1.00	3.95	4.20	1,000	24 lbs.
3 1/2.....	1.10	5.25	5.40	1,000	34 lbs.
4.....	1.20	6.35	6.60	500	46 lbs.
5.....	1.85	8.80	9.00	500	74 lbs.
6.....	2.40	11.50	11.85	500	102 lbs.

## FLOWER POTS, Standard Red

F. O. B. Chicago.

We ship in original crates only. Please note the number of pots in crate, as at present labor costs we cannot break bulk.

No. of Pots in Crate			Sold in Crate Lots Only			No. of Pots in Crate			
2	in.....	1,500	\$ 8.75	per 1,000	6	in.....	117	\$ 6.25	per 100
2½	in.....	1,200	11.25	per 1,000	7	in.....	99	10.35	per 100
3	in.....	800	14.50	per 1,000	8	in.....	50	14.75	per 100
4	in.....	360	2.60	per 100	9	in.....	28	22.95	per 100
5	in.....	240	4.50	per 100	10	in.....	24	31.50	per 100
					12	in.....	6	62.00	per 100

**NEPONSET GREEN POTS—For Growing.** This new development makes it possible to take advantage of the economy, ease and convenience of paper pots for the full growing period of young plants without any damaging or retarding of root growth. In fact, the special waterproofing treatment of these pots seems to encourage healthy growth.

Size	Quan. per Case	Shipping Wt. per Carton	Price per Carton
2 inch	1,000	14 lbs.	\$ 5.75
2 1/4 inch	1,000	16 lbs.	6.20
2 1/2 inch	1,000	22 lbs.	6.60
3 inch	1,000	28 lbs.	7.85
4 inch	500	26 lbs.	5.85
5 inch	500	44 lbs.	8.25
6 inch	500	62 lbs.	10.75

## BULB PANS

	Doz.	Per 100
5 inch.....	\$0.85	\$4.50
6 inch.....	1.00	6.25
7 inch.....	1.80	10.35
8 inch.....	2.35	14.75
10 inch.....	4.20	31.50

**CLOVERSET PLANT POTS.** An improved pot or container made of tough asphalt-coated laminated waterproof fibre stock, closely riveted so that it will stand much handling; made in four sizes, packed 100 to a carton.

## STANDARD HEAVY WEIGHT CLOVERSET POTS

No.	Wt. Per 100	F.O.B. Chicago Per 100	F.O.B. Chicago Per 1,000	F.O.B. Kansas City Per 1,000
0.....	35 lbs.	\$2.70	\$24.25	\$22.50
1.....	52 lbs.	4.25	32.60	30.00
2.....	77 lbs.	4.90	39.00	35.00
3.....	88 lbs.	5.50	45.00	40.00

## SPECIAL LIGHT WEIGHT CLOVERSET POTS

No.	Wt. Per 100	F.O.B. Chicago Per 100	F.O.B. Chicago Per 1,000	F.O.B. Kansas City Per 1,000
0.....	15 lbs.	\$2.10	\$20.00	\$18.50
1.....	18 lbs.	3.15	26.00	25.00
2.....	25 lbs.	3.70	31.50	30.00

## A GOOD VARIETY OF SIZES IN THESE FLOWER VASES.

And they are built right. Galvanized, hand soldered, with wire reinforcement at the top—the sides tapering so that they nest. Attractively striped in red.

Style	Top Diameter	Bot. Diameter	Ht.	Price Per Doz.
253	4 3/4 in.	3 1/2 in.	10 in.	\$ 4.60
255	5 1/4 in.	4 1/2 in.	12 in.	6.60
257	6 1/2 in.	5 1/4 in.	15 in.	7.20
57	5 in.	3 1/2 in.	5 in.	3.60
59	6 1/2 in.	5 1/2 in.	7 in.	5.40
65	7 1/2 in.	6 1/2 in.	8 in.	6.20
66	9 in.	7 1/2 in.	10 in.	7.20
68	9 in.	7 1/2 in.	12 1/2 in.	9.00
69	9 in.	7 1/2 in.	18 in.	10.80
70	9 in.	7 1/2 in.	24 in.	12.00



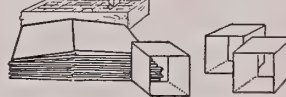
Galv. Vase

## AZALEA POTS, Also Suitable for Boston Ferns

No. of Pots in Crate	Per 100	No. of Pots in Crate	Per 100
6 inch.....117.....	\$ 6.25	9 inch ....28.....	\$22.95
7 inch.....99.....	10.35	10 inch.....24.....	31.50
8 inch.....50.....	14.75	12 inch.....6.....	62.00



## A. B. C. DIRT BANDS



Made of cardboard chemically treated for growing plants in flats.

Packed approx. 5,000 to a carton; special price on larger quantities.

Size	Weight Per 1,000	Per 1,000	In Lots of 5,000
1 3/4 x 1 3/4 x 2 3/4.....	12 lbs.	\$2.10	\$1.75 per 1,000
2 x 2 x 2.....	10 lbs.	1.95	1.65 per 1,000
2 x 2 x 2 1/2.....	13 lbs.	2.15	1.85 per 1,000
2 1/2 x 2 1/2 x 2 1/2.....	15 lbs.	2.35	2.00 per 1,000
3 x 3 x 3.....	22 lbs.	2.65	2.25 per 1,000
4 x 4 x 3.....	26 lbs.	3.25	2.80 per 1,000

## FLOWER TUBS. "Richmond Style."

These are made of best seasoned White Virginia Cedar, securely bound with welded wire hoops. They are nicely painted green, paint of best oils. Florists will find them ready sellers where a substantial yet attractive tub of moderate price is required. Stamped steel handles are also supplied at an additional charge as below. Prices F. O. B. Chicago or New York. Prices subject to change without notice.



Inside Top Diameter	Depth	Price, Each	Four for	Inside Top Diameter	Depth	Price, Each	Four for
No. 1. 7 in.	6 in.	\$0.65	\$ 2.40	No. 9. 14 in.	13 in.	\$1.75	\$ 6.60
No. 2. 7 in.	7 in.	.70	2.60	No. 11. 16 in.	15 in.	1.95	7.40
No. 3. 8 in.	8 in.	.75	2.80	No. 13. 18 in.	17 in.	2.85	11.00
No. 5. 10 in.	9 in.	.90	3.40	No. 14. 19 in.	18 in.	3.40	13.00
No. 7. 12 in.	11 in.	1.15	4.40				

In lots of 12 tubs, less 5%. If handles are required, add 35c per tub.

## DeLuxe Handy Lightweight Wheelbarrow

Lightest practical full-sized utility barrow on the market, yet sturdy enough to carry a load of 250 lbs. Size of tray 32x29 inches, capacity 3 cubic feet, weight 35 lbs. Channel steel legs, hardwood handles. Wheel cadmium plated steel disc type, tire 10x2 1/4 inches, doenut single tube cord. Price, \$7.50; 3 for \$21.00. Complete with steel wheel \$4.25.

## SPIKE DISC

Lawn and Green cultivator. For the aeration and conservation of lawns, putting greens, and fairways.

No. 25. Disc 15 inches; diameter of discs 10 inches; spiking width 14 inches. Each, \$19.95. Shipping weight 94 lbs.



## Vaughan's Handi-Cart

A new and greater convenience for the odd jobs around the home, garden, garage and yard. Extra strong to stand overloading.

No. 1 two cu. ft. capacity, shipping wt. 24 lbs. Each, \$4.45.

No. 2 three cu. ft. capacity, shipping wt. 30 lbs. Each, \$6.35.



## WHEEL-BARROW

Vaughan's Greenhouse. Made especially for use in greenhouses between the benches. Dimensions are as follows:

Box, 14 in. wide at wheel end; 16 in. wide at handle end; 12 in. deep. The bottom of the box is matched and glued together, and there is no crack against which a shovel might run. The wheel is of steel, 17 inches high, with 2 1/2-inch thread; the axle is 15 inches wide. Made of the best material. Legs reinforced, spread of handles at hand-hold 20 inches, which is extreme width of barrow. Price, each, \$9.45.

Equipped with a pneumatic tire and ball bearing wheel. Price, \$16.85. Shipping weight, 55 lbs.; with rubber wheel, 67 lbs.

Wheelbarrow Wheel with rubber tire. 4-ply tire and wheel, complete, \$6.95. Shipping weight, 12 lbs.

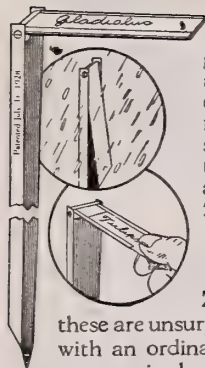


## Labels for Plants, Pots and Gardens



**PLANT MARKERS.** Oval top; made of heavy galvanized sheeting, 9 in. long, per 100, \$3.00.

**ROCK GARDEN LABELS.** 4-in. galvanized small oval bowl for rock gardens, per 100, \$3.00; small bottle black ink for marking the above, each, 35c.



**PEERLESS ALL METAL PLANT MARKERS.** Non-rusting, made of copper bearing galvanized metal, finished in foliage green; no acid painting or special ink necessary. The ordinary lead pencil is the very best thing to use for writing the names. No hunting for some special stake; merely take the first one you come to and change the card. This is very quickly and easily done. **Quantity Discount:** 200, less 5%; 300 or more, 10%.

	Doz.	25	50	100
12-in.,	\$1.20	\$1.75	\$3.25	\$5.95
18-in.,	1.50	2.50	4.35	8.00

**ZINC TREE LABELS.** For an enduring label these are unsurpassed. They last for many years. Writing is done with an ordinary lead pencil; gets plainer with age. They are copper wired and measure  $3\frac{3}{4} \times \frac{1}{4}$  inches. Price per 100, \$1.50.

**COPPER LABELS.** Wired, indestructible. Per 100, \$1.50; larger size, per 100, \$2.15.

### EVERLASTING

**ZINC LABEL.** A permanent label; holds lead pencil marks permanently in all weather, one piece, 6 inches over all. Price per 100, 50c; 500 for \$1.95; 1,000 for \$3.25; 5,000 for \$14.75.

**LABELS (Pot).** We carry the best quality of Wooden Labels made. They are smooth, strong and neat,  $\frac{5}{8}$  inch wide. When ordering specify pot labels or garden stakes, painted or plain.

	Packed to Carton	Plain, Per 1000	Painted, Per 1000
4-inch.....	1000	\$1.55	\$1.95
5-inch.....	1000	1.80	2.20
6-inch.....	1000	2.00	2.50
8-inch.....	500	2.50	3.00
10-inch.....	500	3.00	4.00
12-inch.....	500	4.00	5.00

### GARDEN STAKES

8-inch— $\frac{1}{2}$ inch wide.....	250	3.95	4.95
10-inch— $\frac{1}{2}$ inch wide.....	250	4.95	5.95
12-inch— $\frac{1}{2}$ inch wide.....	1000	6.95	8.45

**LABELS (Tree).** Wooden,  $3\frac{1}{2}$  in.

copper wired. Per 1000, plain, \$1.80; 5,000 to 9,000, per 1,000, \$1.65; 10,000 or more, per 1,000, \$1.55; painted, per 1,000, \$2.30; 5,000 to 9,000, per 1,000, \$2.20; 10,000 or more, per 1,000, \$2.00.

**WEATHER-PROOF PENCILS.** For marking labels. Will not rub off or fade. Each, 10c; doz., 85c.



**GARDEN KING MARKERS.** Water-proof and dirt-proof. Garden green color so that it blends right into the foliage; treated with a preservative that protects against decay; undercut groove contains white chemically treated water-proof name card covered by a dirt-proof transparent window. Price, 12-inch, per 100, \$2.25; 500 for \$9.50; 18-inch, per 100, \$2.50; 500 for \$11.50.

### NEW STEEL WHITE CAP GARDEN MARKER

The 9 inch steel shank is capped with a durable white zinc tablet  $\frac{5}{8}$  inch wide,  $2\frac{5}{8}$  inch long. This name tablet is removable, either side may be written on; just bend the folded ends back, reverse and fold ends over securely. Lead pencil marks stay on for years, yet can be erased if desired. Price, 30 for 90c; 100 for \$2.75. Extra tablets 50c per 100.

**SIEVES.** For sifting soil. 18 inches in diameter, all sizes mesh from  $\frac{1}{8}$  to  $\frac{1}{2}$  inch. Each, \$1.50. Three for \$4.25.

## PLANT STAKES—A Full Line

### CANE STAKES.

**Standard Grade.** These run from 6 to 8 feet in length and weigh about 120 to 130 pounds per 1000. Price: If shipped from Chicago, per 100, \$1.10; 500 for \$4.75; per 1000, \$8.50. If shipped from New York, per 100, \$1.50; 500 for \$6.00; per 1,000, \$10.50. Special price on larger lots on application.

### Japanese Bamboo Stakes, Plain and Green Painted.

	F. O. B. Chicago	Per 100	Per 1000	F. O. B. New York	Per 100	Per 1000
1½ feet.....	\$0.45	\$2.25	\$3.50	\$0.40	\$2.10	\$2.10
2 feet.....	.65	3.00	4.45	.55	2.60	2.60
2½ feet.....	.75	3.50	5.75	.65	3.15	3.15
Natural, 6 ft.....	1.50	9.75	.....	1.35	8.25	8.25
3 feet.....	1.15	4.25	6.90	.90	3.85	3.85
3½ feet.....	1.25	4.95	8.50	1.10	4.65	4.65
4 feet.....	1.30	6.00	9.90	1.15	5.50	5.50

Write for price in bale lots.

**Pipe Stems,** 4 to 6 ft. long, weight, per 1,000, 54 lbs. F.O.B. Chicago, 100 for \$1.00; 500, \$3.25; 1,000, \$6.00.

Write for price on green painted light and heavy wood stakes.

**Heavy Chinese Tonkin Stakes, Natural Colors.** Heavy weight bamboo. Entire stake same weight, does not taper. Ideal for roses, dahlias, young trees, etc. Just the thing for florists and nurserymen. Lasts a lifetime.

Length	Diameter	F.O.B. New York	F.O.B. Chicago
4 ft.	$\frac{1}{2}$ to $\frac{5}{8}$ inch.....	\$3.00	\$3.40
4 ft.	$\frac{5}{8}$ to $\frac{3}{4}$ inch.....	3.85	4.50
5 ft.	$\frac{5}{8}$ to $\frac{3}{4}$ inch.....	4.10	4.60
6 ft.	$\frac{5}{8}$ to $\frac{3}{4}$ inch.....	4.75	5.25
8 ft.	$\frac{5}{8}$ to $\frac{3}{4}$ inch.....	5.50	6.50

**Galvanized Steel Wire Stakes.** Far superior to wooden stakes and practically indestructible. We supply largest buyers. Price subject to change without notice. We can also supply 12-gauge stakes; write us for price on quantities, delivered to your nearest freight depot. **Quantity Discounts:** 2,000 to 5,000, 3%; 6,000 or more, 5% from 1,000 price. Write for prices on shorter or longer stakes.

No. of Gauge—	Per 100	Per 500	Per 1000	Per 100	Per 500	Per 1000
No. 9 Wire						
3 ft.....	\$1.60	\$ 7.25	\$12.60	\$1.90	\$ 9.25	\$14.70
4 ft.....	1.85	8.50	14.75	2.30	10.25	17.75
5 ft.....	2.30	11.00	19.75	2.85	13.25	21.25
6 ft.....	2.70	12.50	22.35	3.40	14.50	24.50

### PLANT TIES Lighting Wire.

1,000, \$2.00; 5 or more boxes, \$1.80 per box. Shipping weight per box, 2 lbs.

### CLIP, Blake's New Loop Lever.

For roses, mums, etc., up-to-the-minute stake holders; hold stakes with firm grip.

Loop clips allow you to remove and replace any stake any time. They never slip and are a great saving in time and money. Price \$2.00 per 1,000, 5,000 for \$9.50. Samples mailed free.

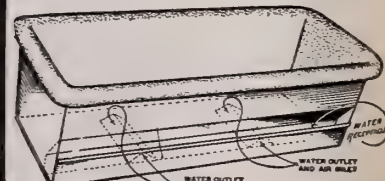
**STAKE FASTENERS.** Everlasting, packed 500 to a box, per box, \$1.25; 10 boxes or more, \$1.10 each.

**GRAFTING WAX.** Per  $\frac{1}{4}$ -lb. bar, 20c;  $\frac{1}{2}$ -lb. bar, 30c; 1 lb., 50c.

### ELECTRO STATIC LAMP

The Light that Kills (Ignis Mortis)

Rid your home, garden and greenhouse of insect pests by installing one or more Electro Static lamps, which will exterminate by electrocution all insects attracted to it by the light at night and bait in daytime. Harmless to domestic animals. Price, \$13.85.



Success Self-Watering Flower Boxes

**SUCCESS SELF-WATERING FLOWER BOXES.** Are substantially constructed of galvanized sheet steel, lock seamed and soldered watertight. Outside dimensions of Window Boxes, Model A:

Length	Width	Depth	Price
24 inch	8½ inch	6¼ inch	\$1.25
30 inch	8½ inch	6¼ inch	1.50
36 inch	8½ inch	6¼ inch	2.15
42 inch	8½ inch	6¼ inch	2.65

Packed six in a crate. 10% discount on crate lots.



# Rubber Hose, Couplers, Nozzles, Etc.

## VAUGHAN'S FLORIST GUARANTEED HOSE

A brand of hose manufactured especially for greenhouse use. Molded hose of highest quality; thick, sturdy hose wall and two braids of heavy cord make it suitable for use by florists. Comes in bales of 500 feet; order exact number of feet you require. We can cut in any length.

**Guarantee**—We guarantee Florist Hose against all defects in quality or workmanship for the period of one year. This guarantee does not cover improper handling or abuse. We are headquarters and can meet competition. 25 to 49 feet.....per ft., 18½¢ | 50 to 99 feet.....per ft., 18¢ | 100 to 400 feet.....per ft., 17½¢. In bales of 500 ft., 17¢.

**CORRUGATED HOSE.** High grade molded hose suitable for use by florists and contractors on golf greens, in cemeteries, public parks and large estates. Price, 50 to 100 ft., 12½¢ ft.; 100 to 500 ft., 12¢ ft.

Price ¾ or ½-inch couplings 20¢ per set; sample mailed free if desired.

These prices are subject to change without notice.



**SPRAY HOSE.** For high pressure spraying. ¾-in., per ft., 18¢; ½-in., per ft., 21¢.

### HOSE COUPLING,

#### Improved Ever-Tight.

No more waste of time, just press the lever, instant tight connection. A great time saver, a coupling that every greenhouse should be equipped with. Price, complete, 45¢; doz., \$4.80.

**Corrugated Brass hose coupling,** for ½ or ¾-in. hose. Each, 20¢; doz., \$1.95. 1-in., each, 40¢; doz., \$3.75.

**MEYER ¾-INCH HOSE COUPLING.** Connects the hose instantly by a straight push-on, and disconnects by twisting the ejector on faucet end slightly to the right. Complete coupling, each, 50¢; doz., \$6.00. Faucet end, each, 20¢; doz., \$2.40. Hose end, each, 30¢; doz., \$3.60.

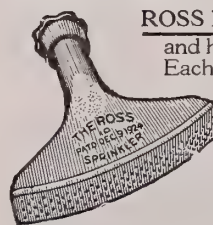
**HOSE STRAPS, Caldwell.** For ½, ¾ and 1-in. hose. Doz., 35¢; gross, \$3.25.



**PERFECT CLINCHING HOSE COUPLER.** ¾-inch. Per pair, 30¢; per doz., \$2.60.

**PERFECT CLINCHING HOSE MENDER.** Each, 12¢; doz., \$1.00.

**HOSE WASHERS.** ¾-inch. Doz., 5¢; gross, 45¢.



**ROSS No. 10 SPRINKLER.** Is preferred by growers and home owners; capacity seven gallons per minute. Each, 75¢; doz., \$7.50.

### HOSE MENDER, The

**Cooper.** It is simple, practical and effective. It does not reduce the diameter of the hose. It will not rust or wear out. It can be used as many times as desired. You need no mechanical skill to adjust them. Price: For ½ or ¾-inch hose, each, 10¢; 4 for 35¢; doz., 80¢. 1-inch hose, each, 12¢; doz., \$1.00.



### HOSE NOZZLES.

**"Chicago"**—Covers more space than any other hand-watering device. Made entirely of aluminum, except removable perforated plate of heavy sheet brass. 2 plates, each 3¾ inches in diameter, about 100 very fine holes in each, giving both fine and coarse effective sprays. Florists like it. Price, \$3.00.



**Paradise Syringing Nozzle.** 10-inch, each, \$2.50; 18-inch, each, \$3.00; extra tips, each, 35¢.

**Boston Rose Spray Nozzle**—

Brass. ¾-inch hose. State whether coarse or fine spray is wanted. Each, \$1.25; by mail, \$1.35.



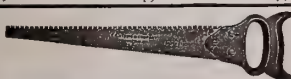
**"Justrite Nozzle"**—Throwing all variations, from fine spray to stream. Each, 50¢; doz., \$4.80.



## Pruning Tools

**SAWS (Atkins) Double-Edged Pruning.**

16-in.. \$1.25  
18-in.. 1.40  
20-in.. 1.50



**TRIMMER, California Pole.** Curved, draw-cut saw with crook for removing branches. Each, \$2.25; 3 for \$6.25.

**Forester Pruning Saw.** Makes heavy pruning easy and saves time. 26 inches long. Each, \$2.00; 3 for \$5.75.

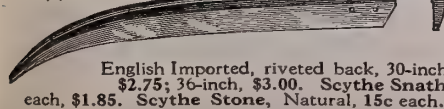
**Utility Speed Pruning Saw.** Length 26 inches, curved blade. Each, \$3.50.

**TREE PRUNERS.** Waters' 6-ft., \$1.85; 8-ft., \$2.10; 10-ft., \$2.35; 12-ft., \$2.60. Extra blades, each, 25¢.

**No. 4 Jointed Tree Pruner,** 12 ft., in three 4-ft. sections. Each, \$7.00.

### SCYTHE BLADES

**Kelly Cloverleaf Dutch grass scythes.** 32-inch ea., \$1.50.



English Imported, riveted back, 30-inch, \$2.75; 36-inch, \$3.00. Scythe Snath, each, \$1.85. Scythe Stone, Natural, 15¢ each.

**SHEARS, Pruning.** 6-in., \$1.50; 9-in., full polished with ratchet, American made, best quality, \$1.50. Extra springs, ea., 15¢.



**Henckel Twin Brand Imported Pruning Shears,** with ratchet.

7½-inch...Each, \$4.25 | 9½-inch...Each, \$5.25  
8½-inch...Each, 4.75

**Henckel, California pattern,** with brass spring, \$4.75.



**Snap Cut Pruner.** Full polished. Each, \$1.75.



### THE PORTER POINTCUT PRUNER

Light in weight, 2½ lbs., 20 inches long. Easy to use in close places. Price, \$4.35.



### FORESTER PRUNERS

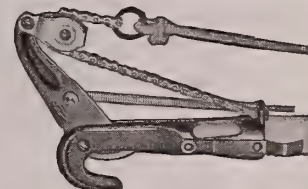
**No. 1**—20 inches long, designed for the fruit grower. Each, \$4.20. Weight, 2 lbs. 10 oz.

**No. 2**—27 inches long, has a capacity up to 1½ inch in green wood. Price, \$5.25. Weight, 4 lbs., 10 oz.

**No. 3**—34 inches long, capable of cutting up to its rated capacity in any so-called hardwood such as oak, maple and beech. Weight, 7 lbs. 4 oz. Each, \$6.50.

### IMPROVED TELEPHONE PRUNER. A

strong and rugged Pruner with many advantages, such as lighter weight, greater cutting power, strength and greatly improved spring action which eliminates spring breakage. No. 12 cuts 1½-inch branches, No. 11 cuts 1-inch branches. No. 11 Pruner Head only, \$2.25. Price complete with one head pole, 6 ft., and two 6-ft. extension poles, \$9.50. No. 12 Pruner head only, \$5.25. Price complete with head pole and two 6-ft. extension poles, \$15.50.





# Vaughan's High Grade Fertilizers

Prices for Florists F.O.B. New York.

The Yield and Quality of Vegetation Depend Upon Continuous and Rapid Growth.

It has been demonstrated that crops of the best quality are those which are grown under conditions which permit of a continuous and rapid development. Plant food of the right amount and kind controls the yield and quality of prod-

ucts more than any other condition, and it is neither wise nor economical to depend upon the natural condition of the soil or the application of stable manure only for profitable crops.

## Vaughan's Lawn and Garden Fertilizer. (5-8-6)

Five percent nitrogen; eight percent phosphoric acid; six percent potash. This mixture differs from our balanced plant ration in that it is composed of plant foods in mineral form. The advantages of mineral fertilizer include the absence of objectionable odor, and the quality of being more readily soluble, which makes it more quickly effective upon plant growth.

For a new lawn, broadcast evenly 30 to 40 lbs. per 1000 square feet. To stimulate an old lawn, apply 20 to 30 lbs. per 1000 square feet, during the growing season, wash it down immediately with the hose to prevent burning. For flowers and vegetables, use from 4 to 6 lbs. per 100 square feet. Price, 100 lbs., \$3.00; 1000 lbs., \$25.00; 2000 lbs., \$45.00.

## Vaughan's Balanced Plant Ration. (5-8-7)

This is our best brand of concentrated manure, excellent for mixing into potting soil or as a top dressing. It is a money-maker. For potting soil, use about 20 pounds to a cubic yard of soil, and for the dressing scatter it about as thick as lawn grass seed is sown, after loosening the surface of the soil. It is excellent for Carnations if applied by the end of October or in November. It can also be applied as a liquid manure by using an 8-inch potful to a barrel of water. Price, 100 lbs., \$3.25; 1000 lbs., \$25.00; 2000 lbs., \$45.00.

**Adco.** Artificial Stable Manure. Convert all non-woody vegetable refuse such as stalks, cuttings, weeds, withered leaves and flowers, vines, etc., into artificial manure. A 25-lb. bag is enough for 12 wheelbarrow loads of waste, making  $\frac{1}{2}$  ton of manure. Price,  $7\frac{1}{2}$ -lb. bags, each, 85c; doz., \$8.40; 25 lbs., \$2.00; 150 lbs., \$10.50. Instructions with each bag.

**Agrico.** For lawns, trees and shrubs, 7-7-5, 25 lbs., \$1.00; 50 lbs., \$1.70; 100 lbs., \$2.75. For gardens 4-10-4, 25 lbs., 93c; 50 lbs., \$1.57; 100 lbs., \$2.50.

**Aluminum Sulphate.** For creating acid condition in the soil. Price, 25 lbs., \$1.25; 100 lbs., \$3.50; 500 lbs., \$16.00.

**Bone and Blood.** Tankage, Cabbage, Cauliflower, Corn and other crops of big surface growth; not desirable for root crops except it is used in connection with potash, salts, or hardwood ashes, and if so used if especially adapted to fruits, if applied early. For garden crops use 500 lbs. per acre. Price, 100 lbs., \$3.25; 1000 lbs., \$30.00; 2000 lbs., \$58.00.

**Cotton Seed Meal.** 100 lbs., \$4.00; 500 lbs., \$18.00.

**Davidges' A-1 Fertilizer (Special).** Grows strong and long keeping plants and blooms. It is not a stimulant but a steady nourisher. Price, 100 lbs., \$6.75.

**Dried Blood.** 12%. For top-dressing, for mixing with the soil, and for applying in liquid form, it is one of the best and safest nitrogenous fertilizers. It is splendid for roses, carnations, chrysanthemums and all kinds of pot plants. Price, 100 lbs., \$4.45; 1000 lbs., \$42.50; ton, \$83.00.

**Fairway Grass Food.** Compounded for the feeding of turf grasses and for no other plant or purpose; recommended by leading turf specialists and agronomists; for use on lawns, golf courses and parkways. Price, 25 lbs., \$1.50; 50 lbs., \$2.50; 100 lbs., \$4.00; per ton delivered, \$65.00. Write for quantity prices.

**Floranid Urea.** A highly concentrated inorganic fertilizer containing 46 percent, available nitrogen; clean, odorless, stainless, for flowers, vegetables, berries, shrubs, lawns, ornamental and fruit trees; 92 times stronger than manure. Price, lb. can, 25c; 5 lbs., 90c; 10 lbs., \$1.50; 25 lbs., \$2.75; 50 lbs., \$5.00; 100 lbs., \$8.00.

**Florist Special Mixture. (5-15-5)** 100 lbs., \$3.50; 500 lbs., \$14.00; 1000 lbs., \$26.00; 2000 lbs., \$50.00.

**Hardwood Ashes.** Canadian Imported. This is also a splendid fertilizer for the lawn and garden, containing all of the fertilizing elements except nitrogen. Is used on the lawn at the rate of a ton or more per acre as a first application, and annual dressing of three hundred pounds afterwards will insure a thrifty growth of dark color, exemption from ill effects of dry weather and freedom from weeds. Price, 100 lbs., \$2.75; 1000 lbs., \$22.00; 2000 lbs., \$42.00.

**Horn Shavings.** Quick-acting and lasting. Price, 50 lbs., \$6.00; 100 lbs., \$11.00.

**Horn Dust.** Has same effect as Horn Shavings except it is immediately available. 100 lbs., \$6.50; 500 lbs., \$30.00.

**Hydrated Lime.** For soil acidity, it improves the texture of the soil, lets in air and moisture, liberates nitrogen and other plant food, makes your soil sweet. Apply after the land is plowed or dug for a crop, scattering with a lime distributor, 2 tons or more per acre, a large handful to a square yard. Price, 50 lbs., \$1.00; 1000 lbs., \$8.50; 2000 lbs., \$16.50.

We are not responsible for loss of weight due to evaporation of any fertilizers.

**Hyponex.** 3-oz. size, packed 36 to carton, retails at 25c each. Price, per carton, \$6.00; 1-lb size, retails at \$1.00, packed 12 to carton. Price per carton \$8.00; 10 lbs. \$5.35; 25 lbs., \$10.00.

## Vaughan's Special Rose Grower Bone Meal.

"Rose Grower." This is a special brand we have put up for our trade. It is ground fine, hence acts quickly. Free from acid, and a superb article. It is made from bone accumulated in large slaughter houses, and should not be compared with the Bone Meal made from cattle heads and feet gathered upon the Western prairies. Our "Rose Grower" Bone has been slightly steamed to soften it and is thus quicker in its action. Analysis: Nitrogen, 3.70 percent; total phosphoric acid, 20 percent. Price, 100 lbs., \$3.25; 1000 lbs., \$27.50; 2000 lbs., \$48.00.

**Quantity Required.**—For permanent pasture and mowing lands,  $\frac{1}{2}$  to 1 ton per acre; for trees and vines, 2 to 4 quarts each; for top-dressing, 1000 to 1500 lbs. per acre; rose beds and plants, 1 part to about 50 of soil; for starting a new lawn as a base, 3 to 5 lbs. per 100 square feet.

**REGULAR GRADE BONE MEAL.** Price, 100 lbs., \$2.85; 1000 lbs., \$25.00; 2000 lbs., \$45.00.

**Raw Bone.** Coarse. This material appeals to every florist who has used it. Price, 100 lbs., \$3.25; 1000 lbs., \$28.00; ton, \$50.00.

**Humus.** Recommended for top-dressing or use on heavy clay soils. Price, 100 lbs., \$1.00; ton, \$18.00.

**Kem** has proven itself a complete balanced plant food. Growers report gratifying results with seedlings, cuttings and growing plants on benches and in fields. Damping off reduced 75% by starting seeds in sand; transplanting made in half the time. By promoting strong root growth, Kem causes grass to grow quicker and stronger. Dilutes up to 89 parts water to 1 part Kem. Price, 25c size, 24 to case, \$4.00 per case; 50c size, 12 to case, \$4.00 per case; 1.00 size, 4 to case, \$3.50 per case; \$4.25 size packed separately, \$2.83 each; 50-gal. barrel, \$11.25.

**Leaf Mold.** Price, 100 lbs., \$2.00; 1000 lbs., \$17.50; 2000 lbs., \$32.00.

**Loma.** A scientifically prepared plant food for lawns, flowers, vegetables, shrubbery and potted plants. Price, 1-lb. carton, 24 to a case, per case, \$1.44; 5-lb. carton, 12 to a case, per case, \$3.60; 10-lb. bags, paper lined, packed 10 in a bale, per bale, \$5.70; 25-lb. bags, 4 in a bale, per bale, \$4.20; 50-lb. bags, 2 bags to a bale, per bale, \$3.54; 100-lb. bag, \$2.90 per 100.

**Muriate of Potash.** Imported Potash, once again available, should be used liberally, especially for all root crops. Price, 100 lbs., \$3.00; 1000 lbs., \$23.00; ton, \$45.00.

**Nitrate of Soda or Chili Saltpeter.** Nitrate of Soda is not a substitute for other Manures, but we recommend it as the cheapest and best form in which to apply Nitrogen to plants. Florists who are using farm manure should continue to use it, but use Nitrate of Soda in addition to other fertilizers. If your object is to grow maximum crops you must furnish the plant with Nitrogen. Price (subject to market changes), 25 lbs., \$1.40; 50 lbs., \$2.10; 100 lbs., \$3.00; 1000 lbs., \$28.00; ton, \$48.00.

**Nitrophoska.** A highly concentrated inorganic fertilizer, clean and odorless. 15 percent nitrogen, 30 percent phosphoric acid and 15 percent potash. Price, 1-lb. can, 25c; 5 lbs., 90c; 10 lbs., \$1.50; 25 lbs., \$2.75; 50 lbs., \$4.50; 100 lbs., \$8.00.

**Peat Moss Granulated.** A moisture-retaining humus, an important aid in saving soil fertility. Better than manure. Bale, about 22 bushels, \$3.50; 5-bale lots, \$3.25 each. Write for quantity prices.

**Peat, Orchid.** Fern roots; very useful for Orchids and Azaleas. Price, \$2.25 per sack of two bushels; 5-sack lots, \$2.10 per sack.

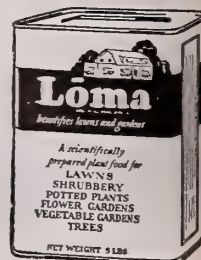
**Plantabbs.** Fast selling, well advertised plant food tablet. Contains Vitamins B1, 10c size at 72c a doz.; 25c size at \$2.00 a doz.; 50c size at \$4.00 a doz.; \$1.00 size at \$8.00 doz.; \$3.50 size at \$2.35 each. LESS 5% Discount on order of \$6.00 up to \$12.00. 10% Discount on order of \$12.00 and over.

**Poultry Manure.** Use it to enrich the soil for flowers, shrubs, lawns and garden. Price, 100 lbs., \$2.75; 500 lbs., \$10.00; 1000 lbs., \$18.00; 2000 lbs., \$35.00.

**Pulverized Limestone.** 100 lbs., \$1.25; 500 lbs., \$5.00; 1000 lbs., \$9.00; ton, \$16.00.

**IMPORTANT.** The prices on this page are based on present prices of fertilizers and are subject to change as market fluctuates.

These prices are subject to change without notice.





# Vaughan's High Grade Fertilizers

Prices for Florists F. O. B. New York.

## Scotch Soot.

(Genuine Imported.) Florists know the value of the genuine article for stimulating a healthy growth of dark green foliage, and its beneficial effect in freeing the soil from slugs, grubs and cut worms. Price, 100 lbs., \$5.00.

## Sheep Manure.

**Wizard Brand.** This is a pure, natural Manure, and its effect is immediate; it is excellent for mixing with the soil for greenhouse plants—one part manure and six parts soil. Strewn over and dug into the vegetable garden or placed directly in drills or hills, it promotes a rapid, steady growth until maturity. It makes the richest, safest and quickest Liquid Manure. For use in liquid form, one pound to five gallons of water will make a liquid which can be used with safety daily if necessary. Price, 100 lbs., \$2.15; 1000 lbs., \$21.00; 2000 lbs., \$40.00.

## Swedex Peat Moss.

25 times finer than Regular Peat Moss. Price, bale of about 150 lbs., each, \$5.50; 5 bales or over, \$5.00.

## Shredded Cow Manure.

**Wizard Brand.** An efficient, high-grade natural fertilizer for all general purposes, manufactured by special process from selected fresh cleanings from cattle pens. Price, 100 lbs., \$2.25; 1000 lbs., \$21.00; 2000 lbs., \$40.00.

## Stimulant.

A very effective plant food and stimulant for all house plants. 10c size put up 10 packets to a display case. Price, 60c; 25c size put up in counter display case, 10 to a case, \$1.50; 75c retail size at 45c; \$2.50 retail size at \$1.50; \$3.50 retail size at \$2.10.

## Sulphate of Ammonia.

Used for its Nitrogen. A very desirable fertilizer for all plants in which a large leaf development or rapid growth is desired. Use 1 pound to 50 square feet of ground or bench, or a tablespoonful to a bushel of soil or 3 gallons of water. Price, 100 lbs., \$3.00; 1000 lbs., \$28.00; ton, \$54.00.



**IMPORTANT.** The prices on this page are based on present prices of fertilizers and are subject to change as market fluctuates.

## Sulphate of Potash 48 %.

100 lbs., \$4.00; 500 lbs., \$17.00; 1000 lbs., \$32.00.

## Super Phosphate.

20% available. Bone phosphate the most available form. Used on grain crops and others requiring an excessive amount of phosphoric acid. Price, 100 lbs., \$2.00; 1000 lbs., \$14.00; 2000 lbs., \$26.00.

## Tree Food

(10-8-6) Made especially for nurserymen and tree experts, a dependable plant food for increasing the growth and development of shade and ornamental Trees, Shrubs and Evergreens. Price 100 lbs., \$3.50; ton, \$60.00.

## Vigoro.

A specially prepared plant food. It contains all elements plants need for healthy growth, because it is a complete plant diet. A good seller. Price, 100-lb. bag, \$2.75; 50-lb. bag, \$1.70; 25-lb. bag, \$1.00; 10-lb. pkg., 6 to a case, \$3.36; 5-lb. pkg., 14 to a case, \$4.06; 1-lb. pkg., 32 to a case, \$1.92.

## Granulated Bulb Fertilizer.

Many bulb growers are increasing their bulb stock 50 to 100% and getting bigger and better flowers by using the special Granulated Bulb Fertilizer. 2-20-30, 100 lbs., \$6.00; 500 lbs., \$28.00; 1000 lbs., \$47.50; ton, \$85.00.

## Granulated Fertilizer.

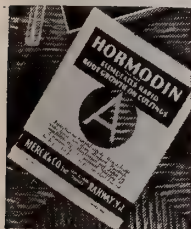
The commercial grower can now save money and get even distribution by using the dustless, non-caking, free flowing Granulated Fertilizer. For lawns and shrubs 6-6-5, 100 lbs., \$3.25; 1000 lbs., \$30.00; ton, \$55.00. For gardens 5-8-7, 100 lbs., \$3.00; 1000 lbs., \$28.00; ton, \$50.00.



We are not responsible for loss of weight due to evaporation of any fertilizers.

## HORMODIN The Root-Forming Chemical

A higher percentage of successfully rooted cuttings is assured through the simple, low cost Hormodin treatment. Write for Leaflet. Prices F. O. B. shipping point. Hormodin is available. Treatment consists in immersing the basal ends of cuttings in a solution of Hormodin of recommended strength for from 4 to 48 hours, according to directions. Cuttings so treated root quicker and have more growing roots.



Size of Pkgs. in B. T. I. Units	Price per Package
20.....	\$ .50
60.....	1.00
240.....	2.50
480.....	4.50
960.....	8.00

All Postpaid.

## Hormodin Powder

Combination package. No. 1, 2, 3, in one carton. Price 75c; doz., \$6.00.  
No. 1 Powder 1 3/4-oz. tin, each, 50c; lb., \$3.00. No. 3 Powder 1-oz. tin, each, \$1.00; lb., \$4.50.  
No. 2 Powder 1 3/4-oz. tin, each, 75c; lb., \$4.50.

## Fruitone.

The hormone spray for stopping pre-harvest drop. 2-oz., \$1.00; 12 oz., \$5.00.

## Mackwin Vitamin B1.

A display card of 24—1/2 oz. bottles of liquid vitamin B1. Price \$5.30; retails at 35c each.

## ROOTONE

PATENTS PENDING



treat 3,000 cuttings, \$1.00; 1-lb. jar will treat up to 30,000 cuttings, \$5.00. Write for leaflet all postpaid.

## Transplantone

For treatment of transplants of all kinds, it contains the root forming hormones, vitamin B-1 and other members of the vitamin B complex, which are important in plant growth. 1 oz., 50c; 3 oz., \$1.00; 1 lb., \$4.00.

## Zoom Vitamin B1.

The bottle has a dropper top. 2-oz. bottle, each \$1.00; display box of 12 bottles, \$7.33.

## MASTERS' PERFECT FERTILIZER DISTRIBUTOR



Spreads any kind of commercial fertilizer, grassseed and top dressing. It has a shut-off control and adjusting device right on handle.

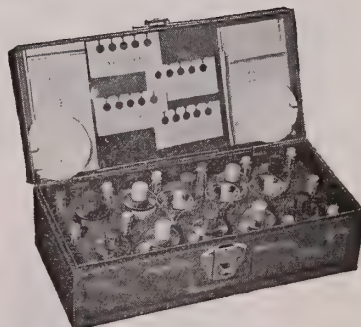
36-inch size equipped with double disc wheels.

18-inch size \$ 9.50  
24-inch size 12.75  
36-inch size 19.25

## Soil Testers

### The Sudbury Horticultural Soil Test Kit, \$9.75

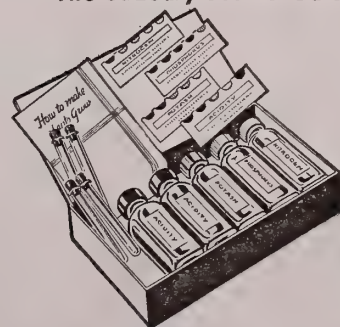
The Sudbury Horticultural Soil Test Kit makes instantly available the essential information you require for gardening success. With it you can make quick practical tests which will show the acidity of your soil and any possible deficiency in nitrogen, phosphorus and potash. As a result, you can avoid failure by prompt adjustment of your soil to the requirements of your plants and grasses. Sudbury Soil Test Kits are used by leading amateur and professional growers throughout the country. The Horticultural Kit contains enough material for 60 individual tests. The Sudbury Horticultural Kit, complete with instructions and table of plant needs, \$9.75.



**Testing Fluid for Refill**—Specify whether for nitrogen, phosphorus, potash or acidity. 2 oz., 75c; 6 oz., \$1.50.

**The Sudbury Professional Soil Test Kit**—Contains enough material for 200 individual tests. Price complete with instructions, 18.50.

### The Sudbury Home Gardener's Soil Test Kit, \$1.50



This simple, practical easy-to-use kit is your best insurance of gardening success. Made by the maker of professional field test kits used by nurserymen, growers and greens-keepers throughout the country. The Home Gardener's Kit tests for nitrogen, phosphorus, potash and acidity, giving complete information for the intelligent adjustment of your soil to the requirements of your plants and grasses. No technical skill required. Results of tests are apparent immediately. The Sudbury Home Gardener's Soil Kit. Complete with instructions and table of plant needs, \$1.50.

**Testing Fluid for Refill**—Specify whether for nitrogen, phosphorus, potash, or acidity. 2 oz., 75c; 6 oz., \$1.50.

**New Club Model Kit.** An inexpensive kit cased in attractive imitation leather; makes a wonderful gift, each, \$3.85.



# Lawn and Garden Supplies

## SOD SPIKER

Easy to handle, is the scientific lawn aerator, ea., \$1.60; 3 for \$4.50.



## Soil Soaker

Irrigation hose for deep soaking. No. 0—12 ft., each, \$1.00; six for \$5.00. No. 1—18 ft., each, \$1.35; six for \$7.00; No. 2—30 ft., each, \$2.10; six for \$11.00; No. 3—50 ft., each, \$3.25; six for \$18.00.

## WISS-KLIP GRASS SHEARS

Each, 75c; doz., \$7.20.

Long Handle Doo-Klip Shears. Price, \$2.00; three for \$5.50.



## WISS GRASS SHEARS



Finest quality with rubber grip. Each, \$1.15; doz., \$10.80.

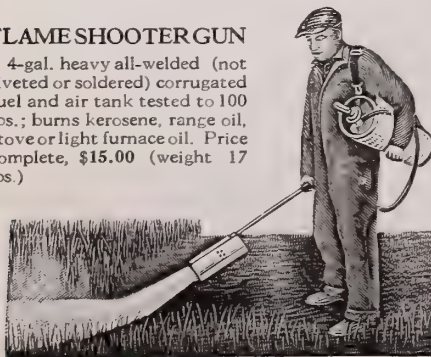


## VAUGHAN'S Subsurface IRRIGATOR

For trees, shrubs, and flowers; irrigates directly at the roots, dissolving the plant food in the soil and making it readily absorptive. This irrigator is adaptable to most types of soluble fertilizer devices, so you can fertilize as you irrigate. Standard model, \$2.50.

## FLAME SHOOTER GUN

4-gal. heavy all-welded (not riveted or soldered) corrugated fuel and air tank tested to 100 lbs.; burns kerosene, range oil, stove or light furnace oil. Price complete, \$15.00 (weight 17 lbs.)



## "HERBICIDE" THE WEED EXTERMINATOR



For ordinary grass and weeds each part of Herbicide may be diluted with forty to fifty parts of water. One gallon will cover app. 2,500 sq. ft. Herbicide is a poison. Live stock should be kept off the treated ground until the dead leaves wither away. Qt., 45c; gal., \$1.25; 5 gals., \$4.50; 10 gals., \$7.50; 30 gals., \$20.00; 55 gals., \$28.00.

**MEO-181** A specific eradicator for dandelions, plantain, crab grass, and other common weeds; apply with a sprayer in a fine mist. Per gal., \$1.55; 5 gals., \$7.25. (Write for price in drums.)



## ATLACIDE

Non-poisonous Weed Killer Duster, especially recommended for obtaining weed-free driveways, paths, tennis courts, and gutters. 5-lb. can, kills 350 sq. ft. of weeds, \$1.50; 15-lb. drum, \$2.75; 50-lb. drum, \$6.50. Write for prices on larger sizes.

## WEED KILLER KIT

Killer Kemical kills Dandelions, Thistles, Plantain, Buckhorn and other common weeds. Does not sterilize the soil—Is not poisonous or inflammable—Does not stain walks or clothing—Does not corrode or rust metals.

Killer Kane insures easy and economical application—No stooping or back breaking. Place Kane on crown of dandelion or weed and press handle slightly. A small amount of Kemical is released and does all the work. Children as well as grown-ups can operate effectively.

Killer Kits (Kane including can Kemical), \$1.75.

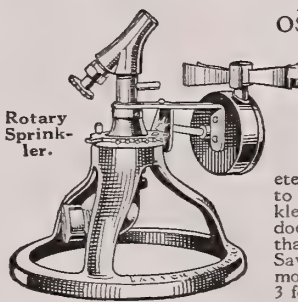
Killer Kemical, ½ gal. \$1.45; gal., \$2.35; 5 gals., \$9.85.



## ROTARY and OSCILLATING SPRINKLER

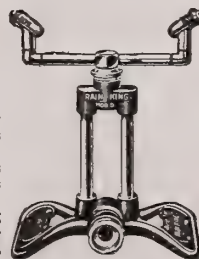
This sprinkler is adjustable at will from bell-shaped spray to full stream, half or full circle, 15 to 80 feet diameter. It is a pleasure to watch this sprinkler in operation. It does the work better than a man can do it. Saves time, labor and money. Each, \$8.50; 3 for \$24.00.

Rotary Sprinkler.



## MODEL D RAIN KING

Combines all the best features of both stationary and revolving sprinklers. Waters the largest lawns or the smallest corners, strips and odd-shaped places. Sprinklers in two directions at once or concentrates wherever water is wanted. Gives a gentle mist, a soaking downpour or light shower—all at instant command. Each, \$2.50; 3 for \$7.00.



## LINCOLN PARK OR BUTTERFLY

Cheapest and best Sprinkler made. Each, 45c; doz., \$4.80. Mounted on stand; 2-foot, \$1.45; 4-foot, \$1.75; 6-foot, \$1.95.



Prices subject to change without notice.

## ROSS SQUARE SPRAY HEADS



It sprinkles a square, making it easy for you to install your own underground system at a very low cost. Threaded for ½ inch pipe, capacity 3 ¼ gals. per minute. Has a slotted adjusting screw to control the area of the spray. No. 54A. Price, per doz., \$5.00.

## THE EVANSTON SPRINKLER



One of the best lawn sprinklers on the market; has no revolving parts to wear out and will not clog with sand or dirt. Gives an even distribution of water over a large area. Each, 65c; 3 for \$1.80.



## KEMP IMPROVED POWER SOIL SHREDDER

Prepares any kind of soil, wet, dry, or stony—for any purpose. It reduces time and labor costs from 30% to 50% over old methods; makes manure and fertilizer go further. A Kemp Shredder usually pays for itself during the first year of use.

**KEMP POWER SOIL SHREDDER No. 6** Shredding heavy, wet compost made from sod and manure. Designed especially for the small grower.

Low in price and economical to operate. Powered with a ½ H.P. electric motor that can be plugged into any electric light socket.

For use also in potting shed for shredding soil for use in flats and pots. Also a handy machine for shredding and mixing soil and manure on benches.

## SPECIFICATIONS

Length.....38"  
Width.....22"  
Height at discharge end.....36"  
Height at hopper.....33"  
Weight.....200 lbs.  
Power.....½ H.P.  
Capacity—either one or two men loading hopper.

Parts having most wear, the hopper, top and deflector, made from steel.

Machine shipped complete with motor and cord, ready to plug into socket and run.

Price of No. 6, complete, ready to run.....\$98.00 (F. O. B. Erie, Pa.)

Write for prices on other sizes.

## KEMP SOIL SHREDDERS

No. 5 powered with ¾ H.P. Peerless electric motor with switch and 25 ft. of cord.....\$195.00

No. 5 powered with 1 H.P. Briggs and Stratton gas engine.....205.00

No. 5 less engine or motor.....170.00

No. 1 powered with either 2 H.P. Cushman gas engine or 1 ½ H.P. Peerless electric motor with switch and 25 ft. of cord.....265.00

No. 1 complete without motor or engine.....205.00

No. 1 without motor or engine, belt or belt-shield, but with pulley for operating with tractor.....195.00

No. 2 powered with either 4 H.P. Cushman gas engine or 3 H.P. Peerless electric motor with switch and 25 ft. of cord.....400.00

No. 2 complete without motor or engine.....300.00

No. 2 without motor or engine, belt or belt-shield, but with pulley for operating with tractor.....290.00

Note: Prices for machines with electric motors are for one, two and three phase motors. For special currents, prices will be furnished on request. In ordering, be sure to state phase of current and voltage

## EUREKA CRAB GRASS KILLER

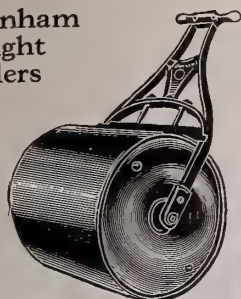
An amazing new chemical which kills both the seeds and plants of Crab Grass (Water Grass) in lawns. Prevents recurrence the following year. Not Toxic to soil. Must be applied in fall. 1 lb. treats 1000 to 2000 sq. ft. Price, 1 lb. \$1.50; 2 lbs., \$2.50; 5 lbs., \$4.50. Circular free on request.



# Lawn Rollers and Trimmers

## Genuine Dunham Water-Weight Lawn Rollers

Water Ballast Lawn Rollers, steel handles, roller bearings, acetylene welded drums with anti-turf-tearing tires, non-rust shut water entrance. The most efficient and easiest running roller made. Weighs 50% more when filled with sand. Water is more convenient.



No.	Diam.	Length	Sec.	Wt.	Filled	Price
WB3.....	18	24	1	85	265	\$10.75
WB7.....	24	24	1	110	420	13.25
WB9.....	24	32	1	130	565	14.95

Dunham rollers with plain bearings slightly lighter than the roller-bearing rollers.

No.	Diam.	Length	Sec.	Wt.	Filled	Price
WB2.....	14	24	1	68	175	\$ 7.75
WB4.....	18	24	1	82	265	9.00

WB1 for miniature golf courses; diam., 14 in.; width, 15 in.; wt. empty, 45 lbs.; filled with water, 115 lbs. Price, \$6.85.

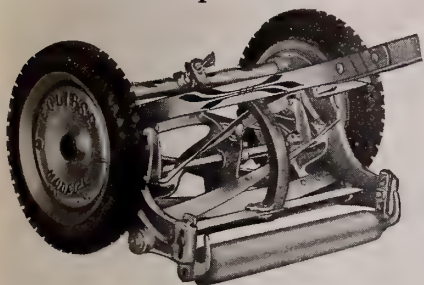
## New Champion Water Weight Roller

No. 100. Diameter of drum 12½ inches; length of drum 18 inches; weight empty 29 lbs.; filled with water 100 lbs.; filled with sand 150 lbs. Price, \$4.50.

Write us for price and leaflet on Dunham Water-Weight Horse and Tractor Rollers.

Prices Subject to Change without Notice.

## The Famous Eclipse Lawn Mowers



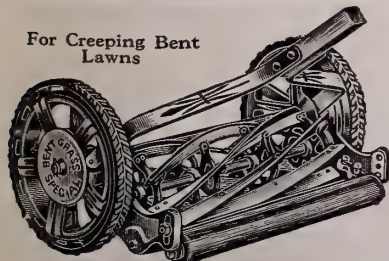
Automatic self-sharpening, finger tip adjusting; saves yearly sharpening and adjusting expense. The first cost of an Eclipse is the last cost. Precision methods of manufacture assure long service. Specifications: Wheels, 10-inch closed type. Bearings, patented super easy running wear-proof precision adjustable bearings. Run in oil wells to provide continuous lubrication. Blades, heat treated tool steel, precision ground by latest type automatic grinding machines.

Model A—	16 in.	18 in.	20 in.
Valveless Pneumatic Tires.....	\$26.00	\$27.50	\$29.00
Standard Wheels.....	23.50	25.00	26.50
Model L—			
Valveless Pneumatic Tires.....	19.25	20.65	22.00
Model M—			
Valveless Pneumatic Tires.....	17.75	19.25	20.50

Less 15%

## Special Ball Bearing Mower

For Creeping Bent Lawns



10-Inch Wheels, Seven Blades, Rubber Tires.

Self-Adjusting Ball Bearings in revolving cylinder guaranteed for the life of the mower. Drive wheels 10½ inches in diameter, open type. Geared on both sides with reciprocating pawl ratchets. Cutter bar special design raised edge, tool steel hardened and tempered in oil. Height of cut, 3/16 inch to 1½ inch. Seven blades, high speed tool steel, hardened and tempered, self-sharpening. Sizes: 16-inch, \$11.50; 18-inch, \$12.95.

## Quiet Wingfoot Model

One of America's most beautiful, custom styled heavy duty Lawn Mowers with air-cushion rubber tires. Designed for easy operation in the cutting of large plots of grass.

10.50x1.75 Air Cushion Rubber Tire Wheels  
—Ball Bearings  
—5 blade.



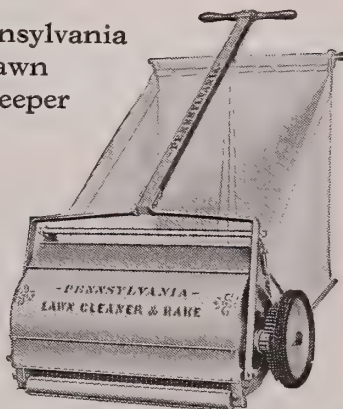
Cutting Reel 6 in. in diameter with 5 self sharpening Crucible Tool Steel Blades mounted on extra heavy Full Circular Malleable Spiders — Perfect Cylinder Cutting Unit — Spring Cap Oilers — Raised Edge Crucible Tool Steel Bed Knife attached to accurately

ground Cast Semi-Steel Cutter Bar—Automatic Adjustable Ball Bearings with 5/16 inch Grade A Chrome Steel Balls—1¼ inch Chrome Plated Shock Bar. Noiseless Molded Rubber Roller.

Finish: Cream Body Trimmed in Red and Green. Sizes—16 inch, \$12.75; 18 inch, \$14.00; 20 inch, \$15.25.

Write Us for Prices on Philadelphia Lawn Mowers.

## Pennsylvania Lawn Sweeper



This machine will clean the lawn more thoroughly and quickly than three or four men with hand rakes, and greatly benefit the turf. Put together in the most durable and thorough manner; interchangeable brushes or rakes; operates as easily as a lawn mower. Width, 24 inches. Always designate Rakes or Brushes when ordering. Each, \$35.00.

## Springfield Lawn Sweepers

22 inch with semi-pneumatic tires, each, \$28.50. 28 inch with iron wheels each, \$37.00, with pneumatic tires, \$42.00.



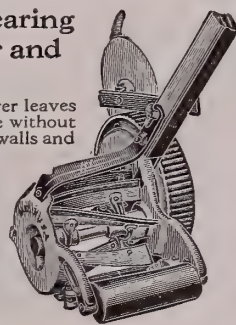
## THE RICHMOND SOD CUTTER

A great labor-saver. A whole field can be cut without removing the sod, provided a narrow strip about one inch in width is taken out at the start. Price, \$35.00.

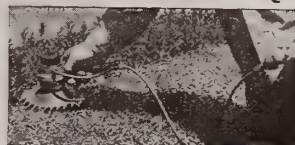
## Masters Ball Bearing Lawn Trimmer and Edger

Does what Lawn Mower leaves undone. Having one side without wheel, it can run close to walls and trees, cutting grass clean and quick. Can also be used for trimming edges of walks, etc. Price, each, \$6.95, with edger, \$7.45 complete.

Write us for price and leaflet on Motor Mowers.



## O. K. PORTABLE ELECTRIC GRASS TRIMMING, EDGING and HEDGE TRIMMING EQUIPMENT



You can save . . . the entire cost of a complete outfit as shown above during Ten or Less Days of use . . . Every Kind of Grass trimming, cutting and edging can be done anywhere, as power plant is portable . . . two men each using an O. K. Trimmer can do as much work as eight to ten men using sickles.

DeLuxe Outfit. . . . . \$170.00

Includes power plant, trimmer and cord. Up to four trimmers can be run at one time.

Extra trimmers, \$19.50 each. Large base cutter, \$27.00.



## O. K. POWER PLANT

O. K. Heavy duty Hedge Trimmer. . . . . \$15.00

O. K. Jr. Hedge Trimmer. . . . . 8.85

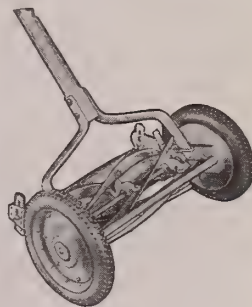
You have unlimited use for O. K. Equipment. Why not write us for further particulars—it's standard equipment now in thousands of cemeteries.

## EclipseRocketPowerLawnMower

The outstanding mower for effortless motorized mowing. Briggs and Stratton motor, 20-inch cut, five blades, positive oversize expansion type clutch. Timken oilite bronze and steel bearings, wheels 10½ inch diameter, valveless pneumatic tires. Net shipping weight, 160 lbs. Price, \$77.50. Write for Leaflet.

## Johnston Silent Running Lawn Mower

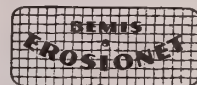
All steel unbreakable; patented adjustment; no wrenches required; easiest running mower made. Every mower carries a five year guarantee. Neighbors not annoyed by early morning mowing. Price, 16-inch, \$15.75; 18-inch, \$16.85.



## Use Erosionet

For New Lawns, Weak Lawns, and Stubborn Terraces

Made of strong open mesh fabric, will hold your seed and sod firmly in place, prevents washouts, does not present an unsightly appearance, grass and clover soon rendering it almost invisible. Can be removed when grass becomes 2½ in. high. Width, 45 inches. Price per yd., 10c; 25-yd. lots, 9c per yd.; 100-yd. lots, 8½c per yd.; rolls of 250 yds., 8c per yard.







This Vivid Window Streamer Printed in Five Colors Will Bring You Business—Furnished Free to All Dealers.

# Larger Profits In Quality Seed

## FANCY GRASSES

All grass seed prices subject to change without notice. Orders will be booked at the lowest price on day received. We particularly call your attention this year to possible price changes because of the extreme uncertainty in seed markets due to the war.

**KENTUCKY BLUE GRASS.** Our blue grass is all recleaned to fancy purities with low weed content and is of high germination. **Fancy.** Full bags (112 lbs.), \$20.00 per 100 lbs.; broken bags, 21c per lb.; 10 to 25 lbs., 22c per lb.

**Standard.** Full bags (112 lbs.), \$19.25 per 100 lbs.; broken bags, 20½c per lb.; 10 to 25 lbs., 21½c per lb.

**Extra Fancy Suncured Seed.** Purity 98%. Full bags (112 lbs.), \$25.50 per 100 lbs.; broken bags 26½c per lb.; 10 to 25 lbs., 27½c per lb.

**RED TOP, Extra Fancy.** Extra Recleaned Purity 98%. Full bags (100 lbs.), \$13.00 per 100 lbs.; broken bags, 14c per lb.; 10 to 25 lbs., 15c per lb. Bags 28c each extra.

**Fancy.** Full bags (100 lbs.), \$11.50 per 100 lbs.; broken bags, 12½c per lb.; 10 to 25 lbs., 13½c per lb. Bags 28c each extra.

**CLOVER, White Dutch.** Bags, 28c each extra.

**Extra Fancy.** \$74.00 per 100 lbs.; less than 100 lbs., 75c per lb.; 10 to 25 lbs., 76c per lb.

**Choice Grades.** \$70.00 per 100 lbs.; less than 100 lbs., 71c per lb.; 10 to 25 lbs., 72c per lb.

**Prime.** \$68.00 per 100 lbs.; less than 100 lbs., 69c per lb.; 10 to 25 lbs., 70c per lb.

Put up in packages of 5 lbs. and less, write for prices.

**PERENNIAL RYE GRASS.** Certified. \$14.00 per 100 lbs.; broken bags, 15c per lb.; 10 to 25 lbs., 16c per lb.

**RYE GRASS Common, Native Grown.** Full bags (100 lbs.), \$7.00 per 100 lbs.; broken bags, 8c per lb.; 10 to 25 lbs., 9c per lb.

**CHEWING'S FESCUE.** Full bags (115 lbs.), \$40.00 per 100 lbs.; broken bags, 42c per lb.; 10 to 25 lbs., 45c per lb.

**POA TRIVIALIS (Rough Stalked Meadow Grass).** Full bags (107 lbs.), \$60.00 per 100 lbs.; broken bags, 62c per lb.; 10 to 25 lbs., 65c per lb.

**ASTORIA BENT.** Full bags (100 lbs.), \$59.00 per 100 lbs.; broken bags, 61c per lb.; 10 to 25 lbs., 64c per lb.

**SEASIDE BENT.** Full bags (100 lbs.), \$59.00 per 100 lbs.; broken bags, 61c per lb.; 10 to 25 lbs., 64c per lb.

Ask for quotations on grasses not listed.

## LAWN MIXTURES

**Vaughan's No. 25 Lawn Mixture.** 100 lbs., \$15.00; 1-lb. cartons (ea., 20c), \$17.00 per 100 lbs.; 5-lb. bags (ea., 90c), \$16.00 per 100 lbs.; 10 to 25 lbs., 17c per lb. Retail 30c per lb.

**"Good Mixed" Lawn Grass Seed.** \$17.50 per 100 lbs.; less than 25 lbs., 19½c per lb.

**Vaughan's No. 40 Lawn Mixture.** Intermediate grade. 100 lbs., \$20.00; 1-lb. cartons (ea., 25c), per 100 lbs., \$22.00; 5-lb. bags (ea., \$1.10), per 100 lbs., \$21.00; 10 to 25 lbs., 22c per lb.

## "Your Lawn"

This booklet gives the latest scientific advice on all phases of lawn making. One copy is packed with each carton and bag of the lawn seed mixtures priced on this page.

## Vaughan's "Private Estate" Bent Formula

A very fancy mixture containing an important percentage of the Bent grasses. Makes a beautiful velvety lawn. More practical than pure bent lawns.

(Retail at 60c per lb.) Price, \$40.00 per 100 lbs.; 5-lb. bags (ea., \$2.20), per 100 lbs., \$41.00; 1-lb. cartons (ea., 45c), per 100 lbs., \$42.00. Orders for 10 to 25 lbs., 42c per lb.

## SPECIAL MIXTURES

If interested in cheaper mixtures or formulas other than we list let us know and we will be glad to quote.

## Vaughan's Chicago Parks

The stand-by for fine serviceable lawns for two generations, this splendid formula remains the universal favorite. The basis of this mixture is a large amount of fancy Kentucky blue grass, which is combined with other suitable grasses in the proper proportion to produce a fine permanent turf.

## Prices for Chicago Parks Formula

	Per 100 lbs.
½-lb. carton, each, 15c (Retail for 30c) }	
1 -lb. carton, each, 30c (Retail for 50c) }	\$27.00
2 and 3-lb. cartons.....	26.50
5-lb. cartons or bags (each, \$1.45).....	26.00
10 and 15-lb. bags.....	26.00
100, 50 and 25-lb. bags.....	25.00
300 lb. lots.....	24.50
500 lb. lots.....	24.00
1000 lb. lots.....	23.00

On Larger Lots Ask For Prices

We offer this same mixture, without White Clover, under the name Vaughan's "Fairway" Mixture, at prices the same as "Chicago Parks."

## Vaughan's Columbian (Shady Place Formula)

	Per 100 lbs.
½-lb. carton, each, 20c (Retail for 30c) }	
1 -lb. carton, each, 40c (Retail for 55c) }	\$37.00
2 and 3-lb. cartons.....	36.50
5-lb. cartons or bags (each, \$1.95).....	36.00
10 and 15-lb. bags.....	36.00
100, 50 and 25-lb. bags.....	35.00
300 lb. lots.....	34.50
500 lb. lots.....	34.00

On Larger Lots Ask For Prices

## Vaughan's Dense Shade Formula

Composed of grasses most suited for growing in heavily shaded situations. Is also satisfactory in moderate shade. This is an exceptional shade mixture and decidedly the best shade mixture on the market. Grass grown in the shade requires extra care. Ask for Lawn Grass pamphlet.

(Retail at 70c per lb.) Price, \$45.00 per 100 lbs.; 5-lb. cartons (ea., \$2.45), per 100 lbs., \$46.00; 1-lb. cartons (each 50c), per 100 lbs., \$47.00. Orders for 10 to 25 lbs., 47c per lb.

All grass seed net cash, F. O. B. Chicago and New York and subject to price change without notice.



# Freshly Packed and Tested Lawn Seed in 1942 for Your Unsold 1941 Stock

**Federal Seed Law Requires Dated  
Germination Tests**

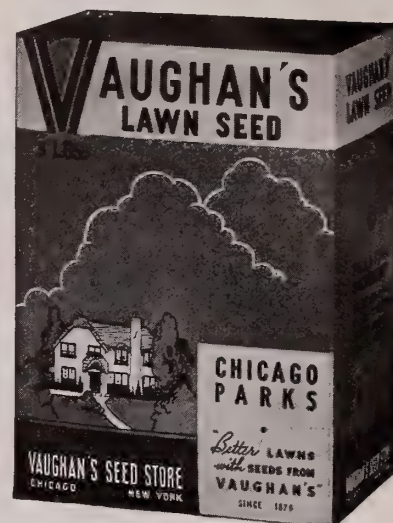
OUR dealers can purchase cartons and 5-lb. bags of our branded seed with no fear of carrying over out-dated seed into the following year. We will allow unsold packages to be returned to us and replace them with freshly packed and tested seed the following spring.

Dealers who have tried this plan report that it enables them to keep up stocks and get maximum sales throughout the season with no fear of inventory losses.

This offer is NOT in any way to be considered on a consignment basis but is solely for the protection of our dealers against having to carry into the following year unsalable, outdated and soiled cartons.

The terms of payment are absolutely the same as heretofore.

This offer does not apply in any way whatsoever to bulk seed or non-branded seed and this is in no way to be considered a guarantee sale. All seed to be exchanged must positively be returned to us by December 1, 1941, and replacement will be made by March 1, 1942.



NEW CARTON OF MODERN DESIGN  
SUPPLIED IN ALL SIZES UP TO 5 LBS.

## For Your Protection

All our grass seeds are carefully analyzed in our own fully equipped laboratory and tagged or labelled to conform to the complicated requirements of the state laws. Errors in labelling might be costly and troublesome. Play safe.

With each of the deals below we furnish the vividly colored window streamer illustrated on the opposite page.

### Vaughan's Chicago Parks Contains NO TIMOTHY

Recommend this mixture for beauty and durability. It produces a fine turf that will endure. The splendid reputation of this mixture for over half a century makes it an easy seller and keeps satisfied customers. For seeding and care of lawn, call customer's attention to lawn booklet enclosed in every carton and bag of Vaughan's lawn seed.

### Vaughan's No. 25 Lawn Mixture An Economy Mixture Containing NO TIMOTHY

This blend fills the demand for a mixture which is both inexpensive and at the same time free of objectionable timothy so widely used as a lawn seed adulterant. Our No. 25 has, as its chief ingredient, the grass which is used for winter putting greens on southern golf courses. It comes up as quickly as timothy, will last longer and makes a fine appearance if kept cut.

Chicago Parks	\$15	Retails for \$28.15
Deal No. 1		Ret. Price
		Cartons
		22 1-lb. \$0.50
	Net Cash	7 5-lb. 2.45

Retails for	No. 25. Deal No. 2	
\$16.35	\$10	
Cartons	Ret. Price	
17 1-lb.	\$0.30	
Bags		
9 5-lb.	1.25	Net Cash





# Sell Vaughan's Natural Floral Perfumes

## WITHOUT RISK OR INVESTMENT

### OUR INTRODUCTORY DEAL

with Guaranteed Sale on 90 Day  
Terms, for..... **\$12**

If within 90 days you are disappointed in sales, you may return Displays and unsold bottles for credit to your account.

### HERE IS WHAT YOU GET FOR \$12.00

This assortment includes everything you need to go into the perfume business — all display material, testing samples, direct mail folders, etc.

48 one dram bottles of perfume (12 Lilac, 12 Carnation, 6 Bouquet S, 6 Wild Rose, 6 Parma Violet, 6 Sweet Pea).—Retail Value, at 50c per dram..... **\$24.00**

### FREE DEMONSTRATION

6 testing samples (one each odor), retail value, \$3.00.

Display Cabinet as illustrated, loaned to you.

Display Cards.

Consumers' folders for mailing.

Total Sale Value..... **\$24.00**

Price to You..... **12.00**

YOUR PROFIT..... **\$12.00**

REFILLS: One-dram perfumes, \$3 per doz. F. O. B. Chicago.

With French sources cut off from the American market, thousands of American women are looking for high quality substitutes for luxury items they once bought under expensive foreign names.

That is why hundreds of florists who have been handling Vaughan's True Floral Fragrances in perfume have noticed a substantial pickup in sales. You can try this profitable side line at no cost to yourself other than small transportation charges for a complete display, including testing samples.

In selling this perfume you are tying in with a demand which is logically yours. Your customers find it natural to purchase floral perfumes in a flower shop, and appreciate the savings which our prices allow over even the department stores and drug stores, though the quality of our perfumes is unsurpassed by any line.

You can try this proved sideline without risk by sending for our introductory offer. We give you 90 days to sell what you can, with the privilege of returning unsold stock if you wish.

## NEW! Floral Colognes to Match the Perfumes Which Have Sold So Well

Now we can supply floral colognes in the same odors as our perfumes. Many women prefer colognes because they are lighter in odor ( $\frac{1}{8}$ th the strength of perfumes).



This display cabinet, in violet crinkle finish with chromium trim and gold lettering, occupies counter space of 13 x 4½ inches and is 16½ inches tall. It holds your entire stock of 48 gold capped bottles, keeping them safe while allowing unobstructed inspection. Loaned with deal below.

### Odors in Colognes and Perfumes on Reorders

Appleblossom	Hawaiian Lei	Magnolia
Bouquet S	Heather	Nicotiana
Bouquet X	Heliotrope	Parma Violet
Carnation	Hyacinth	Red Rose
Forest Breeze	Jasmine	Sandalwood
Frangipani	Lavender	Sweet Pea
Freesia	Lemon Verbena	Violet
Gardenia	Lilac	White Rose
Geranium	Lily of the Valley	Wild Rose

Refills: One Dram Bottles, \$3.00 Per Dozen, F. O. B. Chicago.

Cologne: One Ounce Bottles, \$2.10 Per Dozen, F. O. B. Chicago.

### Retail Prices Including Gift Boxes:

One Ounce.....	\$0.35
Four Ounces.....	1.00
Half Pint.....	1.85
Full Pint.....	3.00

Dealers' Discount 50% From This List.



# Vaughan's Seed Store

All telegrams should be addressed to our warehouse and general office at 601 W. Jackson Blvd., Chicago, or 47 Barclay Street, New York.

## PRICES IN THIS CATALOGUE ARE SUBJECT TO CHANGE WITHOUT NOTICE

**TERMS OF PAYMENT.** To customers of approved credit, 60 days, except on goods always sold for cash, see other pages. **Special 2 percent** discount for cash in ten days from date of invoice (from these list prices only, not from "Special" mail quotations and excepting net cash items).

**FIRST ORDERS** from all firms not having an account with us should come with cash remittance to cover, from which deduct 2 percent (except on net cash items). If cash is not sent, supply bank and trade references.

**POSTAGE** for parcel post shipment. The prices in this catalogue are not prepaid. Include sufficient to cover postage with cash orders. Postage will be billed on charge orders.

**C. O. D.** We prefer not to send goods C.O.D., but when wanted in that manner 25 percent of amount of order must accompany it.

**PERISHABLE STOCK.** Plants, Bulbs, etc., are **POSITIVELY** not sent C.O.D.

**WHERE SOLD.** Our stocks are sold F.O.B. Chicago, New York or Western Springs (unless otherwise stated) and we do not accept transportation risks after delivery in good order to express companies, railroads or steamship lines.

**ROUTING.** On each Order please give name of railroad you wish shipped by; there is no other sure way of correct routing. **DO NOT** use the words **send, ship or forward**—they mean **nothing**. State distinctly: **Mail, Express or Freight**.

**BOOK ACCOUNTS.** Customers who wish to open accounts will please supply usual bank and trade reference and financial statement. If the business is a partnership or a corporation, be sure to give the names of partners or officers and signatures of those authorized to sign orders. Some **individual name** should be signed on all orders. A typewritten or rubber stamp signature is insufficient. We do not open new accounts for **cash goods**.

**ORDERS FOR BULBS, ONION SETS and like perishable stock** which we book in advance of shipping date are accepted by us only subject to loss by fire, rot or other accident beyond our control; we do not guarantee to supply if so lost.

**INSURANCE.** We insure all orders for seeds for \$2.00 and over at buyer's expense, unless instructed not to do so.

## Discounts on Standard Retail Packets for Resale

In no case will a discount be allowed where the retail value of the order sent in at one time is less than \$1.00.

For orders for packet seeds to be placed in your stock and resold, discounts on prices in our **SPRING RETAIL CATALOGUE** will be given as follows:

25% on orders amounting to \$1.00 or more (for packets only) when less than 5 of a kind are ordered at one time.

30% on orders (for packets) from \$1.00 to \$5.00, when at least 5 of a kind are ordered.

40% on orders (for packets) for \$5.00 and over, when at least 5 of a kind are ordered.

10% on special offers and cut-rate collections, none on bulb collections.

None of these seeds are returnable. They are sold outright.

**Cash Discounts on Flower Seeds.** On all orders for flower seeds totaling less than \$25.00, 5%, and over \$25.00, 8%, may be deducted if cash is enclosed.

No order will be charged to open account for less than 35 cents.

All telegrams should be addressed to our general office at 601 W. Jackson Blvd.

## IMPOSSIBLE TO GUARANTEE CROPS.

VAUGHAN'S SEED STORE, Inc., gives no warranty, express or implied, as to description, quality, productiveness or any other matter of any seeds, bulbs or plants it sells, and will not be responsible for the crop; and it gives no warranty, express or implied, as to fertilizers, other than in respect to analyses or other data expressly and lawfully required of the seller by statutes.

**ADVANCE ORDERS** for roses, bulbs or seeds not yet grown or harvested are subject to prorata delivery in case of short crop.

**STATE QUARANTINES.** Plant regulations which may delay or damage plants are at customer's risk only. If your state imposes serious restrictions on plants shipped in, tell us.

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## • DEFENSE GARDENS WILL INCREASE SALES •

# *Sign This and Mail It Now!*

## To Get Vaughan's Seeds, Without Expense or Investment.

Please give references for the benefit of our credit department unless you have a rating or already have an account with us. This will save time.

☐ Flower and Vegetable Floor Rack. ☐ Flower Seeds Only.

### VAUGHAN'S SEED STORE

Commission Box Department  
601 W. Jackson Blvd., Chicago, Ill.

19

Please forward, in due season, one assortment of garden and flower seeds for me to sell on commission for the season of 1941. I agree to display this assortment and the advertising material sent with it, in my store, and to sell all the seeds possible. On or after July 1, when requested by you, I agree to return the unsold seeds by parcel post, and to pay, upon receipt of statement, the retail value of the seeds sold by me, less 40% commission. Unsold seeds returned by me are to be credited, and only the amount of seeds actually sold, less 40% commission, is to be billed. I further agree, when season is ended, to destroy the display rack furnished by you with the goods.

Your Firm Name \_\_\_\_\_

Your Address \_\_\_\_\_

TRADE REFERENCES:

Sign here \_\_\_\_\_

**O**UR packet seeds are supplied on consignment on the usual terms, but with unusual display material and a unique method of direct delivery to you by parcel post. An assortment of flower seeds, or both flower and vegetable seeds as you choose, is sent you on consignment, to be sold at 40% commission. All flower seeds are 10 cents or more; some vegetables 5 cents, most 10 cents. Each rack is dated and bears a seed analyst's certificate of the purity and freshness of its seeds. At the end of the season you return the unsold packets in a bag supplied by us, and destroy the rack. You are credited with the returns and billed for the seeds sold, less 40%.

## Brilliant New Floor Display Racks

We continue for 1941 our floor display which was so popular and effective the past season.

The illustration shows how it holds each variety of your seed assortment where the customer can see it. Against the black background the vivid colors of the seed packets stand out like a veritable flower garden, catching the eye of everyone who comes near it and inviting further inspection.

The dimensions of this rack are: 30 inches wide, 15 inches deep, on the floor. The height is 55 inches, nicely calculated to combine maximum visibility of packets, and convenient self-service, while at the same time it does not obstruct a clear view of the store, which many feel is important.

Your new rack will be light, yet strong, easily moved about. It is made in the modern manner, of heavy matboard, and comes to you brand new. One rack will hold \$100 worth of packets retail value.

**Our New Packets.** All flower seed packets of 1941 will be 3¼ by 4½ inches, same size as vegetable packets, and all racks will be interchangeable, serving for either flower seed or vegetable seed packets or both.

**Brilliantly Colored Posters and Streamers.** Color sells everything now-a-days and nowhere is it more necessary than in selling the garden. Vaughan's posters are modern, artistic, brilliant. They will dress up your store and give it the atmosphere of spring, helping business in every line.



OUR NEW FLOOR RACK, DISPLAYING ENTIRE SEED STOCK IN MINIMUM SPACE



# VAUGHAN'S SEED STORE

**47-49 Barclay Street, NEW YORK**

**601 West Jackson Blvd., CHICAGO**

NAME \_\_\_\_\_ Date \_\_\_\_\_ 19\_\_\_\_  
Write very plainly

Post Office..... State.....

Street, P. O. Box  
or Rural Delivery.....

Express or Freight Office { If different } ..... Forward Goods by .....  
(Parcel Post, Express, Freight or Truck)

AMOUNT ENCLOSED

**(SEND NO CASH OR  
CURRENCY UNLESS  
REGISTERED)**

**Money Order** \$.....

Draft or Check \$ \_\_\_\_\_

Postage Stamps\$.....

Cash = - - \$

**Make Money Orders or Checks  
Payable to Vaughan's Seed Store**

**More order blanks will be sent upon request. Always write letters on a separate sheet from your order.**

Table of PARCEL POST RATES to different zones, on other side.

Your local postmaster will tell you in which zone you reside as regards NEW YORK or CHICAGO.

Vaughan's Seed Store, Inc., gives no warranty, express or implied, as to description, quality, productiveness or any other matter of any seeds, bulbs or plants it sells, and will not be responsible for the crop; and it gives no warranty, express or implied, as to fertilizers, other than in respect to analyses or other data expressly and lawfully required of the seller by statutes.

**N. B. Examine seeds closely, test if desired, write us if anything is wrong and we will adjust.**

<b>QUANTITY</b>  Do not Abbreviate	<b>NAME OF ARTICLE</b>	<b>SIZE</b>	<b>PRICE</b>	
			Dols.	Cts.
	<b>CASH DISCOUNTS ON ORDERS FROM THIS CATALOGUE</b>			
	Special Cash Discount is allowed on FLOWER SEEDS as follows: On all orders for flower seeds totaling less than \$25.00, 5%, and over \$25.00, 8%. On all other items a cash discount of 2% is allowed, except on net cash supplies. Discounts as herein specified may be deducted from remittance if cash is enclosed with order.			
	In making your order, please give the sizes and prices to avoid delay and errors.			
	Carried Forward,	lbs.	\$	

(OVER)







# 500 1st Size Glads, 10 Named Varieties, and Display Box



Gladiolus Display Box Holding 500 1st Size Bulbs, 50 each of 10 Named Varieties

## \$7.00

Retails for \$15.00

F. O. B. Chicago or New York

**V**AUGHAN'S GLADIOLI are famous. For years they have been nationally advertised. You have only to put this box on your counter to sell out quickly.

We use **FIRST SIZE BULBS**, the size which sells best over the counter. The 10 named varieties (50 each) include the show winners **Picardy, Mammoth White, Mrs. F. L. Karcher, Wasaga, Dearborn, Edith Mason, Cadillac, Minuet, Kalamazoo, Bagdad**—none better known. The price to you is \$7.00 for the box and 500 bulbs of 10 named varieties. You retail them for 35c a dozen, or more, because the selection is worth more, doubling your money. Each variety is packed 50 in a bag labeled with its name. You empty one bag into a compartment, and refill in the same manner when it is empty. This prevents mixtures and loss of bulbs. After the display box and first collection have been bought, refill orders will be accepted for \$6.50 for 500 bulbs, 50 each of 10 varieties, in bags of 50; or \$12.50 for 1,000 bulbs, 100 each of ten varieties. Colored pictures are provided to paste on the compartments. This box keeps the bulbs in the open air, thus preventing bacterial rot which comes when they are sealed in cartons. The named varieties are kept apart without mixing, which adds greatly to their value. **Varieties Subject to Change Without Notice.**

## Sell Vaughan's Famous Rainbow Garden of Gladioli (100 No. 3 bulbs)

Each: \$1.50; 10 for \$14.00; 20 for \$27.00; Prepaid 600 Miles.

Retailing at \$2.00, this is an unexcelled leader. It includes 100 bulbs, 10 each of the following varieties, each separately bagged and labeled: **Dr. Bennett, red; Mary Shary, yellow; Maid of Orleans, white; Dearborn, orange; Edith Mason, pink; Shirley Temple, white with cream mark; Wasaga, apricot; Mrs. Frances L. Karcher, red orange; Picardy, pink; Minuet, lavender.**

## The Best of the New Cannas

New Cannas are planted each year at Western Springs, also test plantings of the older varieties. Cannas are indispensable for parks, cemeteries, golf grounds or any place where a large mass of flowers and foliage is needed. We urge all Florists to try the new varieties here listed, best in our trials.

<b>COPPER GIANT.</b> 3½ ft. Much admired in our Western Springs planting. Large attractive blooms of a coppery madder red in big clusters on stout stems; green foliage. Exceptionally free-flowering and stocky growth. If you do not know this variety, give it a trial. . . . 10 for \$1.00	Per 100	Per 1000
3 inch pot plants. . . . .	12.00	100.00

<b>IMPROVED FLORENCE VAUGHAN.</b> 4 ft. The improved type of a fine yellow Canna. Bloom and general appearance very clean looking and showy. Stout stems of green foliage with big golden yellow flowers with fine red dots. . . . . 10 for \$1.00	7.00	60.00
3 inch pot plants. . . . .	12.00	100.00

<b>LOUIS CAYEUX.</b> 4 ft. Brilliant rosy scarlet. Large trusses, green foliage. Showy and attractive. . . . 10 for \$1.20	10.00	90.00
3 inch pot plants. . . . .	12.00	100.00



Part of our Trial Grounds at Western Springs. Copper Giant in front, Improved Florence Vaughan in background.

For Other Cannas, See Index Page.





CARNATION J. M. BRIDGEFORD

## Giant Carnations from Seed

CARNATION J. M. Bridgeford (Malmaison). A truly giant type of the "Margaret" class, flowers 3-4 inches across, borne on stiff stems and of all tints known to date, yellow being prominent among them. Seed should be started indoors and seedlings will bloom in three months. Trade pkt., 50c;  $\frac{1}{8}$  oz., \$2.00.



HOLLYHOCK ORANGE PRINCE

# Unwin Dwarf Hybrid Dahlias XXX Strain

A Wonderful Item for Mother's Day



DAHLIA UNWIN'S DWARF HYBRIDS

The plants are dwarf, semi-double flowers of the most attractive form in fine range of color. Seed sown in March, plants will be in bloom by end of June.

Seed sown in January and early February and grown cool will make fine pot plants for Mother's Day. For spring plant sales, sow in March and April. These Dwarf Dahlias are very popular for border planting and bedding work.

We drilled in seed in our Trial Grounds on June 24th of this year (1940) — the plants flowered in eight weeks and made fine tubers before frost. If tubers are divided and potted up in February (start in cool house) they make fine plants for Mother's Day.

Trade Pkt., 25c;  $\frac{1}{4}$  oz., 60c; oz., \$2.00;  $\frac{1}{4}$  lb., \$6.00.

## New Giant Double Hollyhock

ORANGE PRINCE

Very delightful new perennial Hollyhock. Pretty, well shaped background petals of clear complexioned yellow with pretty rosette of blushing orange in the center. Deep fiery orange in the crevices shading to a lighter creamy orange at the edges. Grows 6 to 8 feet. Best in rich soil and full sunlight. Trade pkt., 35c;  $\frac{1}{4}$  oz., 75c; oz., \$2.40.



PETUNIA BLUE BROCADE

## First All-Double Violet-Blue Petunia

Judges in the All-America trials for 1941 announce the award of a SILVER MEDAL (1941 highest award) to this brand-new color in the famous All-Double strain. It is a rich, velvety violet-blue, almost 100 percent double. The flowers are of a uniform color, of good size, late in flowering season, and produced abundantly on dwarf bushy plants about 10 inches high. Extra-choice variety for pot plants.  $\frac{1}{2}$  trade pkt., \$1.25. 1 trade pkt., \$2.00.